UNITED STATES HOUSE OF REPRESENTATIVES

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NINETY-EIGHTH CONGRESS

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ADJOURNED NOVEMBER 18, 1983

SECOND SESSION { CONVENED JANUARY 23, 1984
ADJOURNED OCTOBER 12, 1984

COMMITTEE ON SCIENCE AND TECHNOLOGY

FINAL

DECEMBER 1984

(No. 8)

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The Chairman and the Ranking Minority Member shall serve as ex officio members of all subcommittees and shall have the right to vote on all matters before the subcommittees, subject to the provisions of Rule 28* of the Committee Rules Governing Procedure.
***Effective July 26, 1983.**

HISTORY OF APPOINTMENTS

COMMITTEE ON SCIENCE AND TECHNOLOGY

NINETY-EIGHTH CONGRESS

The following Members were elected by H.Res. 26, adopted January 6, 1983: Don Fuqua (chairman), Florida; Robert A. Roe, New Jersey; George E. Brown, Jr., California; James H. Scheuer, New York; Richard L. Ottinger, New York; Tom Harkin, Iowa; Marilyn Lloyd, Tennessee; Doug Walgren, Pennsylvania; Dan Glickman, Kansas; Albert Gore, Jr., Tennessee; Robert A. Young, Missouri; Harold L. Volkmer, Missouri; Bill Nelson, Florida; Stan Lundine, New York; Ralph M. Hall, Texas; Dave McCurdy, Oklahoma; Mervyn M. Dymally, California; Paul Simon, Illinois; Norman Y. Mineta, California; Richard J. Durbin, Illinois; Michael A. Andrews, Texas; Buddy MacKay, Florida; Tim Valentine, North Carolina; Harry M. Reid, Nevada; Robert G. Torricelli, New Jersey; Frederick C. Boucher, Virginia.

The following Members were elected by H.Res. 27, adopted January 6, 1983: Larry Winn, Jr., Kansas; Manuel Lujan, Jr., New Mexico; Robert S. Walker, Pennsylvania; William Carney, New York; F. James Sensenbrenner, Wisconsin; Judd Gregg, New Hampshire; Raymond J. McGrath, New York; Joe Skeen, New Mexico; Claudine Schneider, Rhode Island; Bill Lowery, California; Rod Chandler, Washington; Herbert H. Bateman, Virginia; Sherwood L. Boehlert, New York; Alfred A. McCandless, California; Tom Lewis, Florida.

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LEGISLATIVE AND OVERSIGHT JURISDICTION OF THE COMMITTEE ON SCIENCE AND TECHNOLOGY

"RULE X. ESTABLISHMENT AND JURISDICTION OF STANDING COMMITTEES

"The Committees and Their Jurisdiction

"1. There shall be in the House the following standing committees, each of which shall have the jurisdiction and related functions assigned to it by this clause and clauses 2, 3, and 4; and all bills, resolutions, and other matters relating to subjects within the jurisdiction of any standing committee as listed in this clause shall (in accordance with and subject to clause 5) be referred to such committees, as follows:

* * * * * * *

"(r) Committee on Science and Technology.

"(1) Astronautical research and development, including resources, personnel, equipment, and facilities.

"(2) Bureau of Standards, standardization of weights and measures and the metric system.

"(3) National Aeronautics and Space Administration.

"(4) National Aeronautics and Space Council.

"(5) National Science Foundation.

"(6) Outer space, including exploration and control thereof.

"(7) Science scholarships.

"(8) Scientific research and development.

"(9) Civil aviation research and development.

"(10) Environmental research and development.

"(11) All energy research development, and demonstration, and projects therefor, and all federally owned or operated nonmilitary energy laboratories.

"(12) National Weather Service.

"In addition to its legislative jurisdiction under the preceding provisions of this paragraph (and its general oversight function under clause 2(b)(1)), the committee shall have the special oversight functions provided for in clause 3(f) with respect to all nonmilitary research and development."

* * * * * * *

"SPECIAL OVERSIGHT FUNCTIONS

"3. (f) The Committee on Science and Technology shall have the function of reviewing and studying, on a continuing basis, all laws, programs, and Government activities dealing with or involving nonmilitary research and development."

JURISDICTION OF SUBCOMMITTEES

NINETY-EIGHTH CONGRESS

"RULES GOVERNING PROCEDURE OF THE COMMITTEE ON SCIENCE AND TECHNOLOGY

"Subcommittees

"Structure and Jurisdiction

"26. The Committee shall have the following standing subcommittees with the jurisdiction indicated.

"(a) *Subcommittee on Energy Development and Applications.*—Legislation, general and special oversight and all other matters relating to research, development and demonstration programs in fossil energy R&D; solar applications; solar technology; advanced energy technology; energy conservation; biomass; basic energy sciences; high energy and nuclear physics; geothermal energy; international cooperation in non-nuclear energy; and policy and management programs of the Department of Energy.

"(b) *Subcommittee on Natural Resources, Agriculture Research and Environment.*—Legislation, general and special oversight and all other matters relating to natural resources, including, but not limited to, water research, and, to the extent appropriate, agriculture R&D; legislation, risk assessment and other matters relating to environmental research and development generally—including, but not limited to, research and development activities of the Environmental Protection Agency; environmental health, safety, life sciences, pharmaceutical and medical activities of Executive departments and agencies, as appropriate; operational and research and development activities related to the atmosphere (including meteorology, aeronomy, climate, weather modification); those ocean R&D activities related to the quality and management of the environment of the National Oceanic and Atmospheric Administration; and activities relating to the land observing systems.

"(c) *Subcommittee on Energy Research and Production.*—Legislation, general and special oversight and all other matters relating to research, development and demonstration involving nuclear fission and the nuclear fuel cycle; nuclear fusion; electric energy systems; energy storage systems; hydroelectric energy systems; international cooperation in nuclear matters (except for exports of nuclear technology and hardware); and policy and management programs of the Department of Energy.

"(d) *Subcommittee on Science, Research and Technology.*—Legislation, general and special oversight and all other matters relating to the National Science Foundation; the National Bureau of Standards; the Office of Science and Technology Policy; the Office of Technology Assessment; scientific research and development and applications; science policy; scientific resources (including manpower); science education; science information and information sciences; technology transfer; technology assessment; innovation, productivity, and industrial R&D; standards (weights, measures, etc.); patent policies as they relate to Federal research and development programs; R&D involving governmental health, nutritional and handicapped programs; biotechnology; intergovernmental mechanisms for R&D; and international cooperation in science and technology.

"(e) *Subcommittee on Transportation, Aviation and Materials.*—Legislation, general and special oversight and all other matters (includes aeronautical research and technology programs of the National Aeronautics and Space Administration and research and development programs of the Federal Aviation Administration); transportation programs of the Department of Energy; aviation-weather services; materials R&D and national materials policies, both domestic and international; oversight of surface transportation research and development programs of the Department of Transportation, Urban Mass Transportation Administration, Federal Railroad Administration, Federal Highway Administration, National Highway Traffic Safety Administration, and Coast Guard and the Maritime Administration; oversight of research and development in communications other than that for which the Subcommittee on Space Science and Applications is responsible.

"(f) *Subcommittee on Investigations and Oversight.*—Review and study, on a continuing basis, of the application, administration, execution, and effectiveness of those laws, or parts of laws, the subject matter of which is within the jurisdiction of the Committee and the organization and operation of the Federal and private agencies and entities having responsibilities in or for the administration and execution thereof, in order to determine whether such laws and the programs thereunder are being implemented and carried out in accordance with the intent of the Congress. In addition, the Subcommittee on Investigations and Oversight and the appropriate subcommittee with legislative authority may cooperatively review and study any conditions or circumstances

which indicate the necessity or desirability of enacting new or additional legislation within the jurisdiction of the Committtee, and may undertake future research and forecasting on matters within the jurisdiction of the Committee. The Subcommittee on Investigations and Oversight shall in no way limit the responsibility of other subcommittees from carrying out their oversight responsibilities, nor shall any investigation be undertaken by the Subcommittee on Investigations and Oversight without (a) consultation with the chairman of the appropriate subcommittee with legislative authority and (b) approval of the chairman of the Committee.

"(g) *Subcommittee on Space Science and Applications.*—Legislation, general and special oversight and all other matters relating to the National Aeronautics and Space Administration (except aeronautical research and development); national programs of research and development in space exploration, space applications, space communications and related matters; and activities relating to a land observing system.

STATUS OF BILLS AND RESOLUTIONS REPORTED BY THE COMMITTEE ON SCIENCE AND TECHNOLOGY

Bill Number	Title	Passed House	Passed Senate	Conference Action	Public Law
H.R. 1310	To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide for cost-sharing by the private sector in training such personnel; and for other purposes. *(H.Rept. 98-6, Part 2, Feb. 25, 1983)*	Mar. 2, 1983	June 27, 1984 (amended)		Aug. 11, 1984 P.L. 98-377
H.R. 2065	To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management. *(H.Rept. 98-65, April 15, 1983)*	April 26, 1983	June 28, 1983 (amended)		July 15, 1983 P.L. 98-52
H.R. 2066	To authorize appropriations for the National Science Foundation for fiscal years 1984 and 1985. *(H.Rept. 98-73, April 26, 1983)*	May 12, 1983			
H.R. 2587	To authorize appropriations to the Department of Energy for civilian research and development programs for the fiscal year 1984, and for the continuation in fiscal year 1984 of prior year research and development projects. *(H.Rept. 98-81, May 3, 1983)*	May 12, 1983			
H.R. 2514	To enhance the transfer of technical information to industry, business, and the general public by amending the Act of September 9, 1950 (15 U.S.C. 1151 et seq.), to establish a technical information clearinghouse fund. *(H.Rept. 98-94, Part 1, May 9, 1983)*				
H.R. 2513	To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1984. *(H.Rept. 98-95, May 9, 1983)*				
H.R. 2465	To authorize appropriations for the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 for fiscal year 1984 and for fiscal year 1985. *(H.Rept. 98-99, Part 2, May 16, 1983)*	Feb. 1, 1984 (S.820, amended)	Apr. 7, 1983 (S.820)		Mar. 22, 1984 P.L. 98-241
H.R. 2733	To extend and improve the existing program of research, development, and demonstration in the production and manufacture of guayule rubber, and to broaden such program to include other critical agricultural materials. *(H.Rept. 98-109, Part 2, May 16, 1983)*	May 17, 1983	May 1, 1984		May 16, 1984 P.L. 98-284

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STATUS OF BILLS AND RESOLUTIONS REPORTED BY THE COMMITTEE ON SCIENCE AND TECHNOLOGY

Bill Number	Title	Passed House	Passed Senate	Conference Action	Public Law
H.R. 2900	To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985. *(H.Rept. 98–135, Part 1, May 16, 1983)*	Jan. 26, 1984 (S.1097, amended)	June 15, 1983 (S.1097)	Sep. 28, 1984 (House) Sep. 28, 1984 (Senate)	Oct. 19, 1984 Vetoed by President
H.R. 2899	To authorize appropriations for environmental research, development and demonstration for the fiscal years 1984 and 1985. *(H.Rept. 98–212, Part 1, May 16, 1983)*	Feb. 9, 1984			
H.Con.Res. 168	Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector. *(H.Rept. 98–509, November 8, 1983)*	November 14, 1983			
H.Con.Res. 190	Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite–directed navigation aids developed by the Department of Defense for the guidance of aircraft. *(H.Rept. 98–510, November 8, 1983)*	Nov. 14, 1983			
H.R. 4043	To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities. *(H.Rept. 98–571*	May 1, 1984 (H.R. 5041, amended)	July 31, 1984 (S.1841, amended)	Sep. 26, 1984 (Senate) Oct. 1, 1984 (House)	Oct. 11, 1984 P.L. 98–462
H.R. 4974	To authorize appropriations for the National Science Foundation for fiscal years 1985 and 1986. *(H.Rept. 98–642, Mar. 30, 1984)*	Apr. 25, 1984			
S.373	Providing comprehensive national policy dealing with national needs and objectives in the Arctic and national materials policy. *(H.Rept. 98–593, Part 1, Jan. 31, 1984)*	Apr. 24, 1984 (amended)	June 27, 1983	June 21, 1983 (Senate) June 26, 1984 (House)	July 31, 1984 P.L. 98–373
H.R. 5154	Authorizing appropriations to the National Aeronautics and Space Administration for Fiscal Year 1985. *(H.Rept. 98–629, Mar. 21, 1984)*	Mar. 27, 1984	June 21, 1984 (amended)	June 27, 1984 (House) June 28, 1984 (Senate)	July 16, 1984 P.L. 98–361
H.R. 5155	To establish a system to promote the use of land remote–sensing satellite data. *(H.Rept. 98–647, Apr. 3, 1984)*	Apr. 9, 1984	June 8, 1984 (amended)	June 28, 1984 (House) June 29, 1984 (Senate)	July 17, 1984 P.L. 98–365
H.R. 5172	Authorizing appropriations to the National Bureau of Standards for Fiscal Years 1984 and 1985. *(H.Rept. 98–650, April 4, 1984)*	May 2, 1984 (amended)	Sep. 21, 1984 (amended)		Oct. 30, 1984 Vetoed by President

STATUS OF BILLS AND RESOLUTIONS REPORTED BY THE COMMITTEE ON SCIENCE AND TECHNOLOGY

Bill Number	Title	Passed House	Passed Senate	Conference Action	Public Law
H.R. 5244	To authorize appropriations to the Department of Energy for civilian research and development programs for the fiscal years 1985, 1986, and 1987, and for the continuation in those fiscal years of prior year research and development projects. *(H.Rept. 98–686, April 12, 1984)*				
H.R. 5245	To authorize appropriations to the Department of Energy for civilian energy programs for the fiscal years 1985, 1986, and 1987, and for the continuation in those fiscal years of prior year energy projects. *(H.Rept. 98–688, Part 1, April 12, 1984)*				
H.R. 3942	To provide for commercialization of expendable launch vehicles and associated services. *(H.Rept. 98–816, May 31, 1984)*	June 5, 1984	Oct. 19, 1984		Oct. 30, 1984 P.L. 98–575
H.R. 3750	To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers. *(H.Rept. 752, Part 2, Aug. 15, 1984)*				
H.R. 5003	To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development. *(H.Rept. 98–983, Part 1, Aug. 15, 1984)*	Sep. 24, 1984 (H.R. 6163)	Oct. 3, 1984 (H.R. 6163, amended)	Oct. 9, 1984 (House) Oct. 3, 1984 (Senate)	Nov. 8, 1984 P.L. 98–620
H.R. 4684	To establish a coordinated National Nutrition Monitoring and Related Research Program. *(H.Rept. 98–1076, Part 1, Sep. 25, 1984)*				
S.1286	To establish a program to conduct research and development for improved manufacturing technologies. *(H.Rept. 98–1078, Sep. 25, 1984)*	May 2, 1984 (H.R. 5172, amended)	Sep. 21, 1984 (H.R. 5172, amended)		
H.R. 6342	Title III: To design and conduct the research programs on Antarctic marine living resources and provide for the furnishing of facilities and personnel to the Commission for Conservation of Antarctic Marine Living Resources.	Oct. 4, 1984 (amended)	Oct. 10, 1984		Nov. 8, 1984 P.L. 98–623

HOUSE BILLS

H.R. 20 **Jan. 3, 1983**

MR. KASTENMEIER

To establish a Federal Oil and Gas Corporation.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology)

Feb. 2, 1983.—Referred to the Subcommittee on Energy Development and Applications.

H.R. 320 **Jan. 3, 1983**

MR. ROE

To stimulate research and development aimed at the production of gasohol as an alternative energy source by establishing national demonstration facilities for the conversion of garbage and other solid wastes into fuels, to be constructed by the Secretary of Energy under the Federal Nonnuclear Energy Research and Development Act of 1974.

Feb. 2, 1983.—Referred to the Subcommittee on Energy Development and Applications.

H.R. 321 **Jan. 3, 1983**

MR. ROE

To provide for an accelerated program of wind energy research development, and demonstration, to be carried out by the Department of Energy with the support of the National Aeronautics and Space Administration and other federal agencies.

Feb. 2, 1982.—Referred to the Subcommittee on Energy Development and Applications.

H.R. 322 **Jan. 3, 1983**

MR. ROE

To provide for a research, development, and evaluation program to determine the feasibility of collecting in space solar energy to be transmitted to Earth and to generate electricity for domestic purposes.

Feb. 2, 1983.—Referred to the Subcommittee on Space Science and Applications.

H.R. 323 **Jan. 3, 1983**

MR. ROE

To establish a program to promote the utilization of spinoffs from space technology in meeting the needs and alleviating the suffering of the elderly.

Feb. 2, 1983.—Referred to the Subcommittee on Space Science and Applications.

H.R. 383 **Jan. 3, 1983**

MR. ROE, MR. RUSSO, MR. MITCHELL OF MARYLAND

To provide for an accelerated program for the recovery of energy from municipal wastes, and for other purposes.

(Jointly to the Committees on Science and Technology and Energy and Commerce)

Feb. 2, 1983.—Referred to the Subcommittee on Energy Development and Applications.

H.R. 478 **Jan. 6, 1983**

MR. BROWN OF CALIFORNIA

To establish the national space policy of the United States, to declare the goals of the Nation's space program (both in terms of space and terrestrial applications and in space science), and to provide for the planning and implementation of such a program.

Feb. 2, 1983.—Referred to the Subcommittee on Space Science and Applications.

H.R. 480 **Jan. 6, 1983**

MR. BROWN OF CALIFORNIA (FOR HIMSELF), MR. FUQUA, AND MR. WALGREN

To maintain and enhance the United States' leadership in information science and technology by establishing an Institute for Information Policy and Research to address national information policy issues; to provide a forum for the interaction of government, industry and commerce, and educational interests in the formulation of national information policy options; to provide a focus and mechanism for planning and coordinating Federal research and development activities related to information science and technology; and to amend the National Science and Technology Policy, Organization, and Priorities Act of 1976 to create a new position of Special Assistant for Information Technology and Science Information.

Feb. 2, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 481 **Jan. 6, 1983**

MR. BROWN OF CALIFORNIA (FOR HIMSELF), MR. WALGREN, MR. DYMALLY, MR. NELSON OF FLORIDA, MR. WATKINS

To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.

(Jointly to the Committees on the Judiciary and Science and Technology)

Feb. 2, 1983.—Referred to the Subcommittee on Science, Research and Technology.
June 7, 12, 13, 14, 1984.—Subcommittee hearings.

H.R. 495 **Jan. 6, 1983**

MR. CHAPPELL

To establish the Mineral Conservation Research and Development Commission within the National Science Foundation, and to provide for the inventory of major nonfuel raw materials and the development of substitute materials.

Feb. 2, 1983.—Jointly referred to the Subcommittees on Transportation, Aviation and Materials and Science, Research and Technology.

H.R. 530 **Jan. 6, 1983**

MR. PHILIP M. CRANE

To amend the Metric Conversion Act of 1975 to provide that the functions of the Federal Government with respect to the metric system shall be limited to coordinating the conversion to such system areas or industries which desire it, and keeping the public informed thereon, without encouraging in any way the adoption or use of such system.

Feb. 2, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 582 **Jan. 6, 1983**

MR. FUQUA (FOR HIMSELF), MR. WALGREN, MR. BROWN OF CALIFORNIA, MR. LUNDINE, MR. MCCURDY, MR. NELSON OF FLORIDA

To provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

Feb. 2, 1983.—Referred to the Subcommittee on Science, Research and Technology.

Superseded by H.R. 1310.

H.R. 674 **Jan. 6, 1983**

MR. RUDD, MR. MCDONALD, MR. VANDERGRIFF, MR. SAM B. HALL, MR. DANIEL B. CRANE, MR. HARTNETT, MR. MARLENEE, MR. PHILIP M. CRANE

To repeal the Metric Conversion Act of 1975 (15 U.S.C. 205a et seq.).

Feb. 2, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 1011 **Jan. 27, 1983**

MR. AKAKA (FOR HIMSELF), MR. FUQUA, MR. FLIPPO, MR. LOWERY OF CALIFORNIA, MR. MCGRATH, MR. LONG OF MARYLAND, MR. WALKER, MR. SKEEN, MR. SCHEUER, MR. ALEXANDER, MRS. BOGGS, MR. MARKEY, MRS. SCHNEIDER, MR. MATSUI, MR. MAVROULES, MR. HOYER, MR. LANTOS, MS. OAKAR, MR. WHITEHURST, MR. GINGRICH, MR. KRAMER, MR. HANSEN OF IDAHO, MR. BROWN OF CALIFORNIA, MR. YOUNG OF MISSOURI, MS. FIEDLER, MR. UDALL, MR. LUJAN, MR. WON PAT, MR. BADHAM, MR. FORSYTHE, MR. WATKINS, MR. KEMP, MR. FISH, MR. STOKES, MR. BETHUNE, MR. GORE, MR. MORRISON OF WASHINGTON, MR. MINETA, MR. BEVILL, MR. SUNIA, MR. LELAND, MR. MARRIOTT, MR. SMITH OF FLORIDA, MR. GARCIA, MRS. BOXER, MR. SPRATT, MR. ROWLAND, MR. CORRADA, MR. MURPHY, MR. TALLON, MR. DREIER OF CALIFORNIA, MR. FRENZEL, MR. HORTON, MR. HYDE, MR. DAUB, MR. TAUZIN, MR. LIVINGSTON, MR. WHEAT, MR. WILSON OF TEXAS, MR. HUGHES, MR. SHELBY, MR. RIDGE, MR. RICHARDSON, MR. MCDONALD, MR. NELSON OF FLORIDA, MR. HEFTEL OF HAWAII

To provide encouragement and necessary regulation for the commercial development of space.

Hearings printed, Nos. 23, 85.

Feb. 7, 1983.—Referred to the Subcommittee on Space Science and Applications.
Aug. 3, 1983.—Subcommittee meeting (markup).

Superseded by H.R. 3942.

H.R. 1243 **Feb. 3, 1983**

MR. BROWN OF CALIFORNIA

To provide for a study on economically strategic technologies and to identify and provide for the development of such technologies.

Feb. 18, 1983.—Referred to the Subcommittee on Science, Research and Technology.
June 7, 12, 13, 14, 1984.—Subcommittee hearings.

H.R. 1310 **Feb. 8, 1983**

MR. PERKINS (FOR HIMSELF), MR. FUQUA, MR. HAWKINS OF CALIFORNIA, MR. FORD OF MICHIGAN, MR. BURTON OF CALIFORNIA, MR. GAYDOS, MR. CLAY, MR. BIAGGI, MR. ANDREWS OF NORTH CAROLINA, MR. SIMON, MR. MILLER OF CALIFORNIA, MR. MURPHY, MR. CORRADA, MR. KILDEE, MR. WILLIAMS OF MONTANA, MR. KOGOVSEK, MR. WASHINGTON, MR. MARTINEZ, MR. OWENS, MR. HARRISON, MR. BOUCHER, MR. WALGREN, MR. WIRTH, MR. DYMALLY, MR. BROWN OF CALIFORNIA, MR. HARKIN, MR. MCCURDY, MR. NELSON OF FLORIDA

To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

(Jointly to the Committees on Education and Labor and Science and Technology)

Retained in Full Committee.

Supersedes H.R. 582.

Hearings printed, No. 99.

Feb. 9, 16, 1983.—Full Committee hearings.
Feb. 17, 1983.—Committee on Education and Labor report filed in the House (H.Rept. 98–6, pt. 1).
Feb. 22, 1983.—Full Committee meeting (markup). Ordered bill reported with an amendment.
Feb. 25, 1983.—Report filed in the House (H.Rept. 98–6, pt. 2).
Mar. 1, 1983.—Rules Committee Hearing. Rule granted (2 hours; open).
Mar. 2, 1983.—Passed House, amended, by a yea-nay vote of 348 to 54 (Cong. Record H701–H762).
Mar. 8, 1983.—Referred to the Senate Committee on Labor and Human Resources.
June 27, 1984.—Committee on Labor and Human Resources discharged from further consideration of H.R. 1310.
June 27, 1984.—Passed Senate, after striking all after the enacting clause and inserting in lieu thereof the text of S.1285, the Senate companion measure, as amended. Consideration of S.1285 was indefinitely postponed (Cong. Record S8422–S8440).
June 28, 1984.—The Senate amendment to H.R. 1310 was referred to the Committees on Education and Labor, and the Judiciary, for a period ending not later than August 6, 1984, solely for consideration of such provisions of Title VIII of the Senate amendment as fall within the jurisdictions of the committees.

H.R. 1310—Continued

July 24, 1984.—Agreed to a unanimous consent request to postpone until July 25, 1984, consideration of H.Res. 554, providing for the consideration of the Senate amendment to H.R. 1310 (Cong. Record H7666–H7669).

July 25, 1984.—By a yea-and-nay vote of 377 yeas to 77 nays, the House voted to suspend the Rules and agreed to Title VIII (equal access) of the Senate amendment to H.R. 1310; and by a yea-and-nay vote of 393 yeas to 15 nays, agreed to suspend the Rules and agree to Titles I through VII (math and science education) of the Senate amendment to H.R. 1310, clearing the measure for the President. Earlier, the House voted to suspend the Rules and agree to H.Res. 554, providing for the consideration of the Senate amendment to H.R. 1310 (Cong. Record H7723–H7756).

Aug. 6, 1984.— Presented to the President.

Aug. 11, 1984.—Signed by the President. P.L. 98-377.

H.R. 1405 **Feb. 10, 1983**

MR. RAHALL (FOR HIMSELF), MR. PERKINS, MR. BEVILL, MR. MURPHY, MR. APPLEGATE, MR. BLILEY, MR. WILSON OF TEXAS, MR. YOUNG OF ALASKA, MR. RATCHFORD, MR. FASCELL, MR. GINGRICH, MR. OWENS, MR. HORTON, MR. COATS, MR. SMITH OF FLORIDA, MR. MOLLOHAN, MR. KOGOVSEK, MR. MCNULTY, MR. MURTHA, MR. BATES, MR. HUBBARD, MR. WISE, MR. LUKEN, MS. LLOYD, MR. SUNIA, MR. MADIGAN, MR. SNYDER, MR. TAYLOR, MR. ORTIZ, MR. MCEWEN, MR. MILLER OF OHIO, MR. SKEEN, MR. OXLEY, MR. REGULA, MR. KINDNESS, MR. STAGGERS, MR. HYDE, MR. CORCORAN, MR. MYERS OF INDIANA, MR. KASICH, MR. ROGERS, MR. SIMON, MR. HILER, MR. DUNCAN OF TENNESSEE, MR. EMERSON, MR. HOPKINS, MR. MICHEL, MR. DURBIN, MR. IRELAND, MR. MCCLOSKEY, MR. SKELTON, MR. KOLTER, MR. BURTON OF INDIANA, MR. SYNAR, MR. BENNETT, MR. NELSON OF FLORIDA, MR. CHAPPELL, MR. HAMMERSCHMIDT, MR. GOODLING, MR. DANIEL B. CRANE, MR. HILLIS, MR. HUTTO, MR. NICHOLS, MR. EVANS OF ILLINOIS, MR. PRICE, MR. DICKINSON, MR. FLIPPO, MR. VOLKMER, MR. BILIRAKIS, MR. HARRISON, MR. NATCHER, MR. GEKAS, MR. LATTA, MR. WILLIAMS OF OHIO, MR. QUILLEN, MRS. HOLT, MR. SHELBY, MR. LOTT

To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

(Jointly to the Committees on Energy and Commerce and Science and Technology)

Feb. 18, 1983.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 1545 **Feb. 17, 1983**

MR. SCHEUER

To amend the National Climate Program Act to authorize appropriations for such Act for fiscal years 1984 and 1985 and for other purposes.

Feb. 23, 1983.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 1546 **Feb. 17, 1983**

MR. SCHEUER

To amend the National Ocean Pollution Planning Act of 1978 to authorize appropriations for such Act for fiscal years 1984 and 1985.

(Jointly to the Committees on Merchant Marine and Fisheries and Science and Technology)

Feb. 23, 1983.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

May 16, 1983.—Committee on Merchant Marine and Fisheries report filed in House (H.Rept. 98–125, part 1).

See H.R. 2900.

H.R. 1547 **Feb. 17, 1983**

MR. SCHEUER

To amend the Marine Protection, Research, and Sanctuaries Act of 1972 to authorize appropriations for such Act for fiscal years 1984 and 1985 and for other purposes.

(Jointly to the Committees on Merchant Marine and Fisheries and Science and Technology)

Feb. 23, 1983.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

May 16, 1983.—Committee on Merchant Marine and Fisheries report filed in House (H.Rept. 98–186, part 1).

See H.R. 2900.

H.R. 1595 **Feb. 23, 1983**

MR. WIRTH (FOR HIMSELF), MR. CONTE, MR. DORGAN OF NORTH DAKOTA, MR. MINETA, MR. BOSCO, MR. FEIGHAN, MR. D'AMOURS, MR. GLICKMAN, MR. MINISH, MS. KAPTUR, MR. MCNULTY, MR. LEHMAN OF FLORIDA, MR. LELAND, MR. MCKINNEY, MR. NEAL, MRS. BOXER, MR. MURPHY, MR. HORTON, MR. BARNES, MR. JEFFORDS, MR. MARKEY, MR. GARCIA, MR. FROST, MR. FRANK, MR. RAY, MR. SMITH OF FLORIDA, MR. MCDADE, MR. STUDDS, MR. BEILENSON, MR. WASHINGTON, MR. MITCHELL OF MARYLAND, MR. LEVINE OF CALIFORNIA, MR. BONKER, MR. DE LUGO, MR. BATES, MR. DIXON OF CALIF., MR. DWYER OF NEW JERSEY, MR. UDALL, MR. SEIBERLING, MR. ALBOSTA, MRS. SNOWE, MR. MAVROULES, MR. HOWARD, MR. WEAVER, MR. TORRICELLI, MR. MACKAY, MR. SHARP, MR. CONYERS, MR. PATTERSON, MR. CARR, MR. EVANS OF ILLINOIS, MR. SIKORSKI, MR. ACKERMAN, MR. FAUNTROY, MR. CARPER, MR. MATSUI, MR. MOAKLEY, MR. DASCHLE, MR. DONNELLY, MR. HARKIN, MR. ROE, MR. TALLON, MR. KILDEE, MR. LOWRY OF WASHINGTON, MR. PANETTA, MRS. SCHROEDER, MR. SHANNON, MR. OLIN, MR. GINGRICH, MR. KOGOVSEK, MR. LANTOS, MR. GRAY, MR. LONG OF MARYLAND, MR. MORRISON OF CONNECTICUT, MR. BROWN OF CALIFORNIA, MR. GEJDENSON, MR. HUTTO, MR. MOODY, MR. FAZIO, MR. OBERSTAR, MR. WHEAT, MR. BRYANT, MS. MIKULSKI, MR. MAZZOLI, MR. TORRES, MR. VENTO

To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

(Jointly to the Committees on Ways and Means, Banking, Finance and Urban Affairs, Energy and Commerce, Small Business, Armed Services, Agriculture, Education and Labor, and Science and Technology)

Mar. 7, 1983.—Referred to the Subcommittee on Energy Development and Applications.

H.R. 1599 **Feb. 23, 1983**

MR. NEAL (FOR HIMSELF), MR. MCKINNEY, MR. WIRTH, MR. CONTE, MR. LOWRY OF WASHINGTON, MR. D'AMOURS, MR. JEFFORDS, MR. WILLIAMS OF MONTANA, MS. KAPTUR, MR. WASHINGTON, MR. EDGAR, MR. HUGHES, MR. WOLPE, MRS. BOXER, MR. MITCHELL OF MARYLAND, MR. WILSON OF TEXAS, MR. OTTINGER, MR. SIMON, MR. HEFNER, MR. PANETTA, MR. SWIFT, MR. LEVINE OF CALIFORNIA, MR. KILDEE, MR. STUDDS, MR. MINETA, MS. SNOWE, MR. SCHEUER

To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

(Jointly to the Committees on Banking, Finance and Urban Affairs, Ways and Means, Energy and Commerce, Science and Technology, and Small Business)

Mar. 4, 1983.—Referred to the Subcommittee on Energy Development and Applications.

H.R. 1699 **Feb. 28, 1983**

MR. PERKINS (FOR HIMSELF), MR. FUQUA, MR. SIMON, MR. GOODLING, MR. HAWKINS OF CALIFORNIA, MR. FORD OF MICHIGAN, MR. BURTON OF CALIFORNIA, MR. GAYDOS, MR. CLAY, MR. BIAGGI, MR. ANDREWS OF NORTH CAROLINA, MR. MILLER OF CALIFORNIA, MR. MURPHY, MR. CORRADA, MR. KILDEE, MR. WILLIAMS OF MONTANA, MR. KOGOVSEK, MR. WASHINGTON, MR. MARTINEZ, MR. OWENS, MR. HARRISON, MR. BOUCHER, MR. WALGREN, MR. ROE, MR. BROWN OF CALIFORNIA, MR. SCHEUER, MR. HARKIN, MR. WIRTH, MR. GLICKMAN, MR. YOUNG OF MISSOURI, MR. VOLKMER, MR. NELSON OF FLORIDA, MR. LUNDINE, MR. MCCURDY, MR. DYMALLY, MR. MINETA, MR. DURBIN, MR. ANDREWS OF TEXAS, MR. VALENTINE, MR. REID, MR. TORRICELLI, AND MR. CHANDLER

To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

(Jointly to the Committees on Education and Labor and Science and Technology)

Retained in Full Committee.

Mar. 2, 1983.—House agreed to amendment in the nature of a substitute (the text of H.R. 1699) to H.R. 1310.

See H.R. 1310.

H.R. 1745 **Mar. 1, 1983**

MR. STUMP

To repeal the Metric Conversion Act of 1975 (89 Stat. 1007).

Mar. 4, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 1952 **Mar. 7, 1983**

MR. SYNAR (FOR HIMSELF), MR. GEPHARDT, MR. WYDEN, MR. ZSCHAU, MR. LUNDINE, MR. CHANDLER, MR. WALGREN, MR. GLICKMAN, MR. SHANNON, MR. OBERSTAR, MR. FRENZEL, MR. GILLIS W. LONG, MR. TAUKE, MR. MCCAIN, MR. FORSYTHE, MR. FRANK, MR. FROST, MR. LAFALCE, MR. DURBIN, MR. STARK, MR. HYDE, MR. SMITH OF FLORIDA, MR. LOWERY OF CALIFORNIA, MR. RITTER, MR. GUNDERSON, MR. MCNULTY, MR. FAZIO, MR. VENTO, MR. LOWRY OF WASHINGTON, MR. ECKART, MR. EDGAR, MRS. SCHNEIDER, MR. PURSELL, MR. SIMON, MR. MRAZEK, MR. BADHAM, MR. ANDREWS OF TEXAS, MR. SIKORSKI, MR. ROSE, MR. YOUNG OF MISSOURI, MR. BEREUTER, MR. DYMALLY, AND MR. TORRICELLI

To allow businesses to jointly perform research and development.

(Jointly to the Committees on the Judiciary and Science and Technology)

Hearings printed, No. 43.

Mar. 14, 1983.—Referred to the Subcommittee on Science, Research and Technology.
July 12, 1983.—Subcommittee hearing.

Superseded by H.R. 4043.

H.R. 1954 **Mar. 7, 1983**

MR. VOLKMER (FOR HIMSELF), MR. FUQUA, MR. WINN, MR. LUJAN, AND MR. ROE

To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

Mar. 8, 1983.—Referred jointly to the Subcommittees on Transportation, Aviation and Materials and Space Science and Applications.
Mar. 10, 1983.—Subcommittee on Transportation, Aviation and Materials meeting (markup). Ordered clean bill to be introduced.
Mar. 10, 1983.—Subcommittee on Space Science and Applications meeting (markup). Ordered clean bill to be introduced.

Superseded by H.R. 2065.

H.R. 1958 **Mar. 8, 1983**

MR. DYSON

Relating to the transfer of civil land remote sensing space satellite systems and meteorological satellite systems to the private sector.

Mar. 11, 1983.—Referred jointly to the Subcommittees on Space Science and Applications and Natural Resources, Agriculture Research and Environment.

Superseded by Title II of H.R. 2065.

H.R. 1996 **Mar. 9, 1983**

MR. FUQUA (BY REQUEST)

To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985, and for other purposes.

Administration Proposal. (Executive Communication No. 377)

Mar. 14, 1983.—Referred to the Subcommittee on Science Research and Technology.
Mar. 22, 23, 1983.—Subcommittee hearings.
Apr. 7, 1983.—Subcommittee meeting (markup). Ordered bill forwarded to Full Committee with an amendment.

Superseded by H.R. 2513 and H.R. 2514.

H.R. 2065 **Mar. 11, 1983**

MR. FUQUA (FOR HIMSELF), MR. VOLKMER, MR. LUJAN, MR. NELSON OF FLORIDA, MR. LOWERY OF CALIFORNIA, MR. ANDREWS OF TEXAS, MR. WALKER, MR. BROWN OF CALIFORNIA, MR. RALPH M. HALL, MR. DYMALLY, MR. MINETA, MR. MACKAY, MR. TORRICELLI, MR. BATEMAN, AND MR. CHANDLER

To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

Supersedes H.R. 1954 and H.R. 1958.

Retained in Full Committee.

Hearings printed, Nos. 3, 17.

Apr. 12, 1983.—Full Committee meeting (markup). Ordered bill reported, amended.
Apr. 15, 1983.—Report filed in House (H.Rept. 98-65).
Apr. 19, 1983.—Committee on Rules hearing requested.
Apr. 20, 1983.—Committee on Rules hearing. Rule granted (one hour, open).
Apr. 26, 1983.—Considered by House. House agreed to committee amendments of a technical nature en bloc.
Apr. 26, 1983.—Passed House by voice vote (Cong. Record H2348-H2362).
Apr. 27, 1983.—Referred to Senate Committee on Commerce, Science and Transportation.
June 27, 1983.—Senate Committee on Commerce, Science and Transportation approved for reporting with an amendment in the nature of a substitute.
June 27, 1983.—Placed on Senate Legislative Calendar.
June 28, 1983.—Passed Senate, after agreeing to the committee amendment in the nature of a substitute (Cong. Record S9375-S9378).
June 28. 1983.—House concurrence requested.
June 29, 1983.—House agreed to Senate amendment, clearing measure for the President (Cong. Record H4723-H4727).
July 5, 1983.—Forwarded to the President.
July 15, 1983.—Signed by the President. P.L. 98-52.

H.R. 2066 **Mar. 11, 1983**

MR. FUQUA (BY REQUEST)

To authorize appropriations to the National Science Foundation for fiscal years 1984 and 1985.

Administration Proposal. (Executive Communication 378)

Hearings printed, No. 21.

Mar. 18, 1983.—Referred to the Subcommittee on Science, Research and Technology.
Apr. 5, 1983.—Subcommittee meeting (markup). Ordered bill forwarded to Full Committee, amended.
Apr. 13, 1983.—Full Committee consideration.
Apr. 19, 1983.—Full Committee meeting (markup). Ordered bill reported with amendments.
Apr. 26, 1983.—Report filed in House (H.Rept. 98-73).
Apr. 27, 1983.—Committee on Rules hearing requested.
May 5, 1983.—Committee on Rules hearing. Rule granted (one hour, open).
May 12, 1983.—Passed House by yea-and-nay vote of 297 yeas to 111 nays (Cong. Record H2869-H2891).
May 16, 1983.—Placed on Senate Calendar.

H.R. 2210 **Mar. 21, 1983**

MR. MCEWEN

To establish a uranium enrichment fund.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology)

Apr. 6, 1983.—Referred to Subcommittee on Energy Research and Production.

H.R. 2245 **Mar. 22, 1983**

MRS. SMITH OF NEBRASKA

To establish objective criteria and procedures for closing and consolidating weather stations.

Apr. 6, 1983.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 2292 **Mar. 23, 1983**

MR. YOUNG OF ALASKA

To provide comprehensive national policy dealing with national needs and objectives in the Arctic.

Hearing printed, No. 56.

Apr. 6, 1983.—Referred to the Subcommittee on Science, Research and Technology.
June 28, 1983.—Subcommittee hearing.

See S.373.

H.R. 2365 **Mar. 24, 1983**

MR. SOLARZ

To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.

(Jointly to the Committees on Banking, Finance and Urban Affairs, the Judiciary, and Science and Technology)

Apr. 6, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 2414 **Apr. 5, 1983**

MR. WALGREN (BY REQUEST)

To authorize appropriations for activities under the Federal Fire Prevention and Control Act of 1974, and for other purposes.

Administration Proposal (Executive Communication 486).

Apr. 6, 1983.—Referred to the Subcommittee on Science, Research and Technology.
Apr. 7, 1983.—Subcommittee meeting (markup). Ordered clean bill to be introduced for Full Committee consideration.

Superseded by H.R. 2465.

H.R. 2415 **Apr. 5, 1983**

MR. WALGREN (BY REQUEST)

To amend section 7 of the Earthquake Hazards Reduction Act of 1977 (42 U.S.C. 7706) to extend authorizations for appropriations, and for other purposes.

(Jointly to the Committees on Interior and Insular Affairs and Science and Technology)

Administration Proposal (Executive Communication 289)

Apr. 6, 1983.—Referred to the Subcommittee on Science, Research and Technology.
Apr. 7, 1983.—Subcommittee meeting (markup). Ordered clean bill to be introduced for Full Committee consideration.

Superseded by H.R. 2465.

H.R. 2455 **Apr. 11, 1983**

MS. LLOYD

To authorize appropriations to the Department of Energy for the Clinch River Breeder Reactor Research and Development Project for Fiscal Years 1984 through 1990.

Apr. 13, 1983.—Referred to the Subcommittee on Energy Research and Production.

H.R. 2465 **Apr. 11, 1983**

MR. WALGREN (FOR HIMSELF), MR. FUQUA, MR. BROWN OF CALIFORNIA, MR. DYMALLY, MR. TORRICELLI, AND MR. BOEHLERT

To authorize appropriations for the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 for fiscal year 1984 and fiscal year 1985, and for other purposes.

(Jointly to the Committees on Science and Technology and Interior and Insular Affairs)

Supersedes H.R. 2414 and H.R. 2415.

Retained in Full Committee.

Hearings printed, No. 8.

Apr. 19, 1983.—Full Committee meeting (markup). Ordered bill reported.
May 10, 1983.—Committee on Interior and Insular Affairs report filed in the House (H.Rept. 98-99, part 1).
May 16, 1983.—Report filed in the House (H.Rept. 98-99, part 2).
June 8, 1983.—Committee on Rules hearing requested.
Jan. 24, 1984.—Committee on Interior and Insular Affairs supplemental report filed in the House (H.Rept. 98-99, part 3).
Jan. 25, 1984.—Committee on Rules hearing. Rule granted (one hour, open).
Feb. 1, 1984.—Passed House amended. Subsequently, passage was vacated and S.820 was passed in lieu after being amended to contain the language of H.R. 2465, as passed. Agreed to amend the title of S.820 (Cong. Record H324–H335).

See S.820.

H.R. 2483 **Apr. 12, 1983**

MR. LAFALCE, MR. MOAKLEY, MR. FORD OF TENNESSEE, MR. WORTLEY, MR. MCKINNEY, MR. STOKES, MR. SUNIA, MR. SMITH OF NEW JERSEY, MR. FLORIO, MR. PEASE, MR. MARKEY, MS. KAPTUR, MR. BROWN OF CALIFORNIA, MR. MITCHELL OF MARYLAND, MR. RATCHFORD, MR. LANTOS, MR. TALLON, MS. FERRARO, MR. WILSON OF TEXAS, MRS. BOXER, MR. WIRTH, MRS. HALL OF INDIANA, MR. MORRISON OF CONNECTICUT, MR. WEAVER, MR. TRAXLER, MR. LELAND, MR. GAYDOS, MR. RUSSO, MR. YOUNG OF ALASKA, MR. MATSUI

To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

(Jointly to the Committees on Banking, Finance and Urban Affairs, Education and Labor, and Science and Technology)

April 22, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 2507 **Apr. 12, 1983**

MR. SKELTON

Relating to the transfer of civil land remote sensing space satellite systems, meteorological satellite systems, and oceanographic satellite systems to the private sector.

Apr. 18, 1983.—Referred jointly to the Subcommittees on Natural Resources, Agriculture Research and Environment and Space Science and Applications.

H.R. 2513 **Apr. 12, 1983**

MR. WALGREN (FOR HIMSELF), MR. FUQUA, MR. BROWN OF CALIFORNIA, MR. DYMALLY, MR. TORRICELLI, MR. REID, AND MR. BOEHLERT

To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1984, and for other purposes.

Supersedes H.R. 1996.

Retained in Full Committee.

Hearings printed, No. 1.

Apr. 19, 1983.—Full Committee meeting (markup). Ordered bill reported with amendments.
May 5, 1983.—Committee on Rules hearing requested.
May 9, 1983.—Report filed in House (H.Rept. 98-95).
May 10, 1983.—Committee on Rules hearing. Rule granted (one hour, open).

H.R. 2514 **Apr. 12, 1983**

MR. WALGREN (FOR HIMSELF), MR. FUQUA, MR. BROWN OF CALIFORNIA, MR. DYMALLY, MR. TORRICELLI, MR. REID, MR. BOEHLERT, MR. PARRIS

To enhance the transfer of technical information to industry, business, and the general public by amending the Act of September 9, 1950 (15 U.S.C. 1151 et seq.), to establish a Technical Information Clearinghouse Fund, and for other purposes.

(Jointly to the Committees on Science and Technology and Energy and Commerce)

Supersedes H.R. 1996.

Retained in Full Committee.

Hearings printed, No. 1.

Apr. 19, 1983.—Full Committee meeting (markup). Ordered bill reported.
May 9, 1983.—Report filed in House (H.Rept. 98-94, part 1).

H.R. 2525 **Apr. 13, 1983**

MR. PASHAYAN, MR. VANDER JAGT, MR. FORD OF TENNESSEE

To establish a National Commission on Technological Innovation and Industrial Modernization.

(Jointly to the Committees on Banking, Finance and Urban Affairs, Education and Labor, Foreign Affairs, Energy and Commerce, the Judiciary, Ways and Means, and Science and Technology)

Apr. 20, 1983.—Referred to the Subcommittee on Science, Research and Technology.
June 7, 12, 13, 14, 1984.—Subcommittee hearings.

H.R. 2587 **Apr. 19, 1983**

MR. FUQUA

To authorize appropriations to the Department of Energy for civilian research and development programs for the fiscal year 1984.

Retained in Full Committee.

Hearings printed, Nos. 2, 4, 9, 10, 12, 18, 30, 58, 62.

Apr. 21, 1983.—Full Committee meeting (markup).
Apr. 26, 1983.—Full Committee meeting (markup).
Apr. 27, 1983.—Full Committee meeting (markup). Ordered bill reported with amendments.
May 2, 1983.—Committee on Rules hearing requested.
May 3, 1983.—Report filed in House (H.Rept. 98–81).
May 5, 1983.—Committee on Rules hearing. Rule granted (two hours, open).
May 12, 1983.—Passed House by yea-and-nay vote of 230 yeas to 132 nays (Cong. Record H2891–H2913).
May 16, 1983.—Referred to the Senate Committee on Energy and Natural Resources.

H.R. 2633 **Apr. 20, 1983**

MR. DONNELLY, MR. SMITH OF NEW JERSEY, MR. PATTERSON, AND MR. JACOBS

To promote the development of research, experimentation and testing that minimize the use of, and pain and suffering to, live animals.

(Jointly to the Committees on Energy and Commerce and Science and Technology)

Apr. 28, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 2656 **Apr. 20, 1983**

MS. OAKAR

To authorize the National Science Foundation to provide assistance for a program for visiting faculty exchanges and institutional development in the fields of mathematics, science, and engineering, and for other purposes.

(Jointly to the Committees on Education and Labor and Science and Technology)

Apr. 28, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 2733 **Apr. 26, 1983**

MR. BROWN OF CALIFORNIA

To extend and improve the existing program of research, development, and demonstration in the production and manufacture of guayule rubber, and to broaden such program to include other critical agricultural materials.

(Jointly to the Committees on Agriculture and Science and Technology)

Hearings printed, No. 97.

May 3, 1983.—Referred jointly to the Subcommittees on Natural Resources, Agriculture Research and Environment and Science Research and Technology.
May 5, 1983.—Subcommittee on Science, Research and Technology meeting (markup). Ordered bill forwarded to the full committee with amendments.
May 6, 1983.—Subcommittee on Natural Resources, Agriculture Research and Environment discharged from consideration.
May 10, 1983.—Full committee meeting (markup). Ordered bill reported with amendments.
May 12, 1983.—Committee on Agriculture report filed in the House (H.Rept. 98–109, part 1).
May 16, 1983.—Report filed in the House (H.Rept. 98–109, part 2).
May 17, 1983.—Passed the House under suspension of Rules by a yea-and-nay vote of 326 yeas to 96 nays (Cong. Record H2975–H2979; H3011–H3012).
May 19, 1983.—Referred to the Senate Committee on Agriculture, Nutrition, and Forestry.
June 21, 1983.—Ordered reported by the Senate Committee on Agriculture, Nutrition, and Forestry in lieu of section 2 of S.1258.
June 23, 1983.—Report filed in the Senate (S.Rept. 98–164).
June 23, 1983.—Placed on Senate Legislative Calendar.
July 27, 1983.—Considered by the Senate (Cong. Record S10975–S10993).

H.R. 2733—Continued

July 28, 1983.—Considered by the Senate (Cong. Record S11035–S11061).
Aug. 1, 1983.—Considered by the Senate (Cong. Record S11212–S11229).
May 1, 1984.—Passed the Senate (Cong. Record S5125–S5128).
May 4, 1984.—Presented to the President.
May 16, 1984.—Signed by the President. P.L. 98–284.

H.R. 2800 **Apr. 27, 1983**

MR. HERTEL OF MICHIGAN

To authorize appropriations for atmospheric, climate, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1983 and 1984, and for other purposes.

(Jointly to the Committees on Merchant Marine and Fisheries and Science and Technology)

May 5, 1983.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 2899 **May 4, 1983**

MR. SCHEUER (FOR HIMSELF), MR. BROWN OF CALIFORNIA, MR. ANDREWS OF TEXAS, MR. MACKAY, AND MR. TORRICELLI

To authorize appropriations for environmental research, development, and demonstration for the fiscal years 1984 and 1985, and for other purposes.

Retained in Full Committee.

Hearings printed, No. 113.

May 10, 1983.—Full committee meeting (markup). Ordered bill reported with amendments.
May 16, 1983.—Report filed in House (H.Rept. 98–212, part 1).
May 16, 1983.—Sequentially referred to the Committee on Appropriations for a period not to exceed 15 legislative days with instructions to report back to the House as provided in section 401(b) of P.L. 93–344.
June 13, 1983.—Committee on Appropriations discharged from further consideration of measure.
Oct. 18, 1983.—Committee on Rules hearing requested.
Feb. 7, 1984.—Committee on Rules hearing. Rule granted (one hour; open).
Feb. 9, 1984.—Passed House, amended, by a yea-and-nay vote of 362 yeas to 9 nays (Cong. Record H674–H691).

H.R. 2900 **May 4, 1983**

MR. SCHEUER (FOR HIMSELF), MR. BROWN OF CALIFORNIA, MR. ANDREWS OF TEXAS, MR. MACKAY, MR. TORRICELLI, AND MR. LEWIS OF FLORIDA

To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.

(Jointly to the Committees on Merchant Marine and Fisheries and Science and Technology)

Retained in Full Committee.

Hearings printed, Nos. 66, 67.

May 10, 1983.—Full committee meeting (markup). Ordered bill reported.
May 16, 1983.—Report filed in House (H.Rept. 98–135, part 1).
July 21, 1983.—Committee on Rules hearing requested.
Nov. 11, 1983.—Committee on Rules hearing. Rule granted (one hour; open).
Jan. 26, 1984.—Passed House with an amendment in the nature of a substitute, amended. Subsequently, passage was vacated and S.1097 was passed in lieu after being amended to contain the language of H.R. 2900, as passed. Agreed to amend the title of S.1097 (Cong. Record H168–H192).
Apr. 12, 1984.—Senate concurred in the amendments of the House with an amendment in the nature of a substitute (Cong. Record S4687–S4694).
Apr. 24, 1984.—S.1097, as amended by the Senate, received in the House.
June 5, 1984.—House disagreed to the Senate amendment to the House amendments to S.1097 and asked for a conference. Conferees appointed: Representatives Fuqua, Scheuer, Jones of North Carolina, Valentine, Harkin, Andrews of Texas, D'Amours, Winn, McGrath, Carney, and Schneider.
Sep. 20, 1984.—Senate insisted on its amendments to the amendments of the House to S.1097; agreed to the House request for a conference; and appointed as conferees: Senators Packwood, Gorton, Kasten, Hollings and Lautenberg (Cong. Record S11629).
Sep. 25, 1984.—Senator Ford of New Jersey substituted for Senator Lautenberg as conferee (Cong. Record S11836).
Sep. 25, 1984.—Conferees met and agreed.
Sep. 28, 1984.—Conference report filed in the House. H.Rept. 98–1093.
Oct. 3, 1984.—Senate agreed to Conference Report on S.1097 (Cong. Record S12813–S12814).
Oct. 3, 1984.—House agreed to Conference Report on S.1097; clearing the measure for the President (Cong. Record H11099–H11102).
Oct. 19, 1984.—Vetoed by the President.

H.R. 2907 — **May 4, 1983**

MR. DYMALLY (FOR HIMSELF) AND MR. BROWN OF CALIFORNIA

To establish a United States Design Council within the Department of Commerce.

(Jointly to the ~~Com~~mittees on Science and Technology and Energy and Commerce)

May 9, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 3032 — **May 17, 1983**

MR. WOLPE

To amend the authority for the Clinch River Breeder Reactor Project, to authorize appropriations to the Department of Energy for the Clinch River Breeder Reactor Project for fiscal years 1984 through 1990, and for other purposes.

May 23, 1983.—Referred to the Subcommittee on Energy Research and Production.

H.R. 3073 — **May 19, 1983**

MR. KRAMER (FOR HIMSELF), MR. MONTGOMERY, MR. WHITEHURST, MR. BADHAM, MR. SKELTON, MR. CORCORAN, MR. DAVIS, MR. DANIEL B. CRANE, MR. HUNTER, MR. DYSON, MR. HARTNETT, MR. SKEEN, MR. PHILIP M. CRANE AND MR. BURTON OF INDIANA

To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.

(Jointly to the Committees on Armed Services, Foreign Affairs, and Science and Technology)

May 23, 1983.—Referred to the Subcommittee on Space Science and Applications.

H.R. 3207 — **June 2, 1983**

MR. HAMMERSCHMIDT

To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

June 6, 1983.— Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 3334 — **June 16, 1983**

MR. BONKER

To establish a national technology education grants program to provide matching Federal assistance to joint initiatives by private industry, educational institutions, and State government to strengthen science, engineering, and technical education, and for other purposes.

(Jointly to the Committees on Education and Labor, Science and Technology, and Interior and Insular Affairs)

June 27, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 3355 — **June 16, 1983**

MR. SCHEUER (FOR HIMSELF), MR. ANDREWS OF TEXAS, MR. MACKAY, AND MR. TORRICELLI

To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal, and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

(Jointly to the Committees on Merchant Marine and Fisheries, and Science and Technology)

June 22, 1983.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 3381 — **June 21, 1983**

MR. FORSYTHE (FOR HIMSELF), MR. JONES OF NORTH CAROLINA, MR. BREAUX, MR. D'AMOURS, MR. PRITCHARD, MR. MCKERNAN, MR. WHITEHURST, MRS. BOXER, MR. FAZIO, MR. HUGHES, MR. SPRATT, MR. SUNIA, MR. WON PAT, MS. MIKULSKI, MR. HUTTO, MR. PEPPER, MR. MCNULTY, MRS. SCHNEIDER, MR. SMITH OF FLORIDA, MR. STOKES

To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

(Jointly to the Committees on Merchant Marine and Fisheries, and Science and Technology)

June 28, 1983.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 3393 **June 22, 1983**

MR. SENSENBRENNER (FOR HIMSELF) AND MS. LLOYD

To modify the operation of Federal and State antitrust laws for the conducting of certain research and development activities jointly, and for other purposes.

(Jointly to the Committees on the Judiciary and Science and Technology)

Hearing printed, No. 43.

June 27, 1983.—Referred to the Subcommittee on Science, Research and Technology.
July 12, 1983.—Subcommittee hearing.

Superseded by H.R. 4043.

H.R. 3597 **July 19, 1983**

MR. FUQUA (FOR HIMSELF), MR. JONES OF NORTH CAROLINA, MR. SCHEUER, MR. D'AMOURS, MRS. SCHNEIDER, AND MR. LEWIS OF FLORIDA

To authorize appropriations for atmospheric, climatic, and ocean research activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.

(Jointly to the Committees on Merchant Marine and Fisheries and Science and Technology)

Retained in Full Committee.

July 21, 1983.— Request to Committee on Rules for a hearing on H.R. 2900 requests that the text of H.R. 3597 be made in order as the original bill for purposes of amendment.

See H.R. 2900.

H.R. 3681 **July 27, 1983**

MR. MCKINNEY (FOR HIMSELF), MR. FISH, MRS. JOHNSON OF CONN., MR. LUNDINE, MRS. MARTIN OF ILLINOIS, MR. MOAKLEY, MR. MAVROULES, MR. PRITCHARD, MR. JEFFORDS, MR. LATTA, MR. BEILENSON, MR. KINDNESS, MR. WYLIE, MR. STOKES, MR. BENNETT, MR. NOWAK, MR. SAWYER, MR. HUGHES, MR. GEKAS, MS. KAPTUR

To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.

(Jointly to the Committees on Ways and Means; Banking, Finance and Urban Affairs; Education and Labor; Foreign Affairs; Rules; and Science and Technology)

Aug. 2, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 3717 **July 29, 1983**

MR. MARRIOTT (FOR HIMSELF), MR. YOUNG OF ALASKA, MRS. VUCANOVICH, AND MR. EMERSON

To strengthen national minerals and materials policy coordination, and for other purposes.

(Jointly to the Committees on Interior and Insular Affairs, and Science and Technology)

Aug. 3, 1983.—Referred to the Subcommittee on Transportation, Aviation and Materials.

H.R. 3750 **Aug. 3, 1983**

MR. WIRTH (FOR HIMSELF), MR. PERKINS, MR. MILLER OF CALIFORNIA, MR. DOWNEY, MR. GEPHARDT, MR. KOGOVSEK, MR. WALGREN, MR. COELHO, MR. DELLUMS, MRS. BOGGS, MR. FLORIO, MR. MOAKLEY, MR. SIMON, MR. MINETA, MR. FROST, MR. FOLEY, MR. MITCHELL OF MARYLAND, MR. WILLIAMS OF MONTANA, MRS. HALL OF INDIANA, MR. TORRICELLI, MR. MATSUI, MR. LELAND, MR. MURTHA, MR. EDWARDS OF CALIFORNIA, MR. FRANK, MR. BERMAN, MR. FLIPPO, MR. PATTERSON, MR. STARK, MR. NEAL, MRS. SCHROEDER, MR. SCHEUER, MR. SHANNON, MR. HOYER, MR. MCHUGH, MR. MARKEY, MR. KILDEE, MR. SEIBERLING, MR. LEVIN OF MICHIGAN, MR. PEPPER, MR. RATCHFORD, MR. WON PAT, MR. BOSCO, MR. MORRISON OF CONNECTICUT, MR. HOWARD, MRS. FERRARO, MR. FORD OF MICHIGAN, MR. MURPHY, MR. ADDABBO, MR. DYMALLY, MR. HARRISON, MR. TORRES, MR. BROWN OF CALIFORNIA, MR. NELSON OF FLORIDA, MR. MOLLOHAN, MR. FORD OF TENNESSEE, MR. CORRADA, MR. RINALDO, MR. HAWKINS OF CALIFORNIA, MR. ROSE, MR. BEVILL, MR. BOUCHER, MR. LANTOS, MR. GARCIA, MR. CONYERS, MR. RICHARDSON, MR. BRITT, MR. YOUNG OF MISSOURI, MR. LEVINE OF CALIFORNIA, MR. LEHMAN OF FLORIDA, MS. BOXER, MR. RANGEL, MR. COLLINS, MR. VENTO, MR. DURBIN, MR. VALENTINE, MR. REID, MR. LUNDINE, MR. MACKAY, MR. VOLKMER, MR. OTTINGER, MR. ROE, MR. HARKIN, MR. ANDREWS OF TEXAS, MR. RALPH M. HALL, MR. FUQUA, MRS. LLOYD

To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

(Jointly to the Committees on Education and Labor, and Science and Technology)

Hearings printed, No. 107.

H.R. 3750—Continued

Aug. 29, 1983.—Referred to the Subcommittee on Science, Research and Technology.
May 15, 1984.—Committee on Education and Labor report filed in the House (H.Rept. 98–752, part 1).
June 5, 1984.—Subcommittee hearing.
June 19, 1984.—Subcommittee meeting (markup). Ordered bill forwarded to full committee with amendments.
Aug. 8, 1984.—Full committee meeting (markup). Ordered measure reported with amendments.
Aug. 15, 1984.—Report filed in the House. H.Rept. 98–752, Part 2.

H.R. 3781 **Aug. 4, 1983**

MR. ADDABBO (FOR HIMSELF), MR. ACKERMAN, MR. BIAGGI, MR. GARCIA, MR. HORTON, MR. LAFALCE, MR. MCGRATH, MR. NOWAK, MR. OTTINGER, MR. RANGEL, MR. SCHUMER, MR. TOWNS, MR. WORTLEY, MR. CONYERS, MR. FAZIO, MR. HERTEL OF MICHIGAN, MR. LANTOS, MR. LELAND, MR. LEVINE OF CALIFORNIA, MS. MIKULSKI, MR. RATCHFORD, MR. ROE, MR. SMITH OF FLORIDA, AND MR. STOKES

To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

(Jointly to the Committees on the Judiciary and Science and Technology)

Aug. 29, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 3786 **Aug. 4, 1983**

MR. BROWN OF CALIFORNIA

To authorize a grant to the Willard Frank Libby Foundation for energy and science related research grants, and for other purposes.

(Jointly to the Committees on Interior and Insular Affairs, and Science and Technology)

Aug. 29, 1983.—Referred to the Subcommittee on Energy Research and Production.

H.R. 3794 **Aug. 4, 1983**

MR. BURTON OF INDIANA

To amend section 312(c) of the Federal Aviation Act of 1958, relating to research and development, to require the Secretary of Transportation to assure the development of a collision avoidance system for use on all civil and military aircraft of the United States in the interest of air safety.

(Jointly to the Committees on Public Works and Transportation, and Science and Technology)

Aug. 29, 1983.—Referred to the Subcommittee on Transportation, Aviation and Materials.

H.R. 3840 **Aug. 4, 1983**

MR. RITTER (FOR HIMSELF), MR. FUQUA, MR. WINN, MR. BROWN OF CALIFORNIA, MR. WALGREN, MR. GREGG, MR. MARTIN OF NORTH CAROLINA, MR. ZSCHAU, MR. BLILEY

To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to protection of human life, health, and the environment.

Aug. 29, 1983.—Referred to the Subcommittee on Science, Research and Technology.
Oct. 4, 1983.—Subcommittee meeting (markup).
Oct. 6, 1983.—Subcommittee meeting (markup). Ordered clean bill to be introduced.

Superseded by H.R. 4192.

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H.R. 3942 **Sept. 21, 1983**

MR. AKAKA (FOR HIMSELF), MR. FUQUA, MR. VOLKMER, MR. LUJAN, MR. NELSON OF FLORIDA, MR. LOWERY OF CALIFORNIA, MR. BROWN OF CALIFORNIA, MR. CHANDLER, MR. ANDREWS OF TEXAS, MR. BATEMAN, MR. RALPH M. HALL, MR. WALKER, MR. DYMALLY, MR. MINETA, MR. MACKAY, MR. TORRICELLI, MR. MCGRATH, MR. SCHEUER, MR. YOUNG OF MISSOURI, MR. GORE, MR. WHITEHURST, MR. HEFTEL OF HAWAII, MR. HORTON, MR. HYDE, MR. JEFFORDS, MR. WON PAT, MR. SMITH OF FLORIDA, MR. BEVILL, MR. PHILIP M. CRANE, MR. STOKES, MR. SKEEN, MR. NIELSON OF UTAH, MR. STENHOLM, MR. MATSUI, MR. LANTOS, MR. KRAMER, MS. OAKAR, MR. HANSEN OF IDAHO, MR. LONG OF MARYLAND, MS. FIEDLER, MR. FISH, MR. CORRADA, MR. TALLON, MR. MURPHY, MR. UDALL, MR. KEMP, MR. MORRISON OF WASHINGTON, MRS. BOXER, MR. LELAND, AND MR. GINGRICH

To provide for commercialization of expendable launch vehicles and associated services.

Supersedes H.R. 1011.

Hearings printed. Nos. 23, 85.

Sep. 23, 1983.—Referred to the Subcommittee on Space Science and Applications.
Nov. 18, 1983.—Subcommittee hearing.
Jan. 11, 1984.—Reports requested from Department of Transportation, Department of Defense, Department of State, Department of Commerce, Department of Justice, the National Aeronautics and Space Administration, and the Federal Communications Commission.
Feb. 14, 1984.—Federal Communications Commission comments received; unfavorable.
Mar. 28, 1984.—Department of Transportation comments received; unfavorable.
Mar. 28, 1984.—National Aeronautics and Space Administration comments received; unfavorable.
Mar. 29, 1984.—Subcommittee hearing.
Apr. 5, 1984.—Subcommittee meeting (markup).
Apr. 11, 1984.—Subcommittee meeting (markup). Ordered bill forwarded to the full Committee with an amendment in the nature of a substitute.
May 10, 1984.—Full committee meeting (markup).
May 23, 1984.—Full committee meeting (markup). Ordered bill reported with amendments.
May 31, 1984.—Report filed in House (H.Rept. 98-816).
June 5, 1984.—Passed House, amended, under suspension of Rules. Agreed to amend the title (Cong. Record H5215-H5221).
June 7, 1984.—Referred to Senate Committee on Commerce, Science and Transportation.
Oct. 3, 1984.—Senate Committee on Commerce, Science and Transportation reported H.R. 3942 with an amendment in the nature of a substitute. S.Rept. 98-656.
Oct. 9, 1984.—Passed the Senate after agreeing to committee amendment in the nature of a substitute (Cong. Record S13885-S13888).
Oct. 9, 1984.—House agreed to the Senate amendment to H.R. 3942 clearing the measure for the President (Cong. Record H11705-H11711).
Oct. 30, 1984.—Signed by the President. P.L. 98-575.

H.R. 3976 **Sept. 22, 1983**

MR. MARTIN OF NORTH CAROLINA (FOR HIMSELF), MR. WALGREN, MR. WINN, MR. RITTER, MR. GORE, MR. GREGG, MR. FUQUA

To provide for the establishment of a Central Board of Scientific Risk Assessment as a means of improving the scientific review and evaluation of risk assessments made by Federal agencies, with particular emphasis upon risk assessments involving issues of chronic health hazards.

Sep. 27, 1983.—Referred to the Subcommittee on Science, Research and Technology.
Oct. 4, 1983.—Subcommittee meeting (markup).
Oct. 6, 1983.—Subcommittee meeting (markup). Ordered clean bill to be introduced.

Superseded by H.R. 4192.

H.R. 4030 **Sept. 29, 1983**

MR. BROOKS (FOR HIMSELF), MR. HORTON, MR. WRIGHT, MR. BROWN OF CALIFORNIA, MR. FASCELL

To authorize the continuation of the land remote sensing satellite program (LANDSAT), and to ensure the United States role as the world leader in developing and utilizing land remote sensing space technology through the LANDSAT program.

Oct. 3, 1983.—Referred jointly to the Subcommittees on Natural Resources, Agriculture Research and Environment and Space Science and Applications.

H.R. 4043 **Sept. 30, 1983**

MR. FUQUA (FOR HIMSELF), MR. SYNAR, MR. GEPHARDT, MR. WYDEN, MR. ZSCHAU, MR. SENSENBRENNER, MS. LLOYD, MR. WALGREN, MR. BROWN OF CALIFORNIA, MR. LUNDINE, MR. GILLIS W. LONG, AND MR. YOUNG OF MISSOURI, MR. NELSON OF FLORIDA, MR. DURBIN, MR. MCCURDY, MR. TORRICELLI, MR. SIKORSKI, MR. WINN, MR. MINETA, MR. GREGG, MR. GLICKMAN, MR. ANDREWS OF TEXAS, MR. MACKAY, MR. BATEMAN, MR. BOUCHER, MR. MCCANDLESS, MR. LEWIS OF FLORIDA, MR. LUJAN, MR. CHANDLER, MR. CARNEY, MR. SKEEN, MR. SIMON, MR. DYMALLY

To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

(Jointly to the Committees on the Judiciary and Science and Technology)

Supersedes H.R. 1952 and H.R. 3393.

Hearings printed, No. 43.

Oct. 3, 1983.—Referred to the Subcommittee on Science, Research and Technology.
Oct. 4, 6, 1983.—Subcommittee meetings (markups).
Oct. 26, 1983.—Subcommittee meeting (markup). Ordered bill forwarded to the Full Committee with amendments.
Nov. 2, 1983.—Full Committee meeting (markup).
Nov. 3, 1983.—Full Committee meeting (markup). Ordered bill reported with an amendment in the the nature of a substitute, amended.
Nov. 18, 1983.—Report filed in the House (H.Rept. 98-571, Part I).
May 1, 1984.—Passed the House as incorporated into H.R. 5041, by a yea-and-nay vote of 417 yeas to 0 nays (Cong. Record H3184-H3194; H3216-H3217).
Aug. 9, 1984.—House passed S.1841, which was passed by the Senate on July 31, 1984; agreed to an amendment in the nature of a substitute (text of H.R. 5041, as passed by the House, which incorporated the provisions of H.R. 4043); and agreed to amend the title. The House insisted on its amendments to S.1841, and asked for a conference. Appointed as conferees: Representatives Rodino, Brooks, Edwards of California, Seiberling, Hughes, Synar, Crockett, Schumer, Feighan, Fuqua, Fish, Moorhead, Hyde, Sawyer and Lungren (Cong. Record H8729-H8732). Senate disagreed to the amendments of the House to S.1841; agreed to the request of the House for a conference thereon, and appointed as conferees Senators Thurmond, Mathias, Hatch, Dole, Biden, Metzenbaum and Leahy (Cong. Record S10352).
Aug. 10, 1984.—Representatives Gregg and Moakley appointed as conferees.
Sep. 20, 1984.—Conferees met and agreed on S.1841.
Sep. 21, 1984.—Conference Report on S.1841 filed in the House. H.Rept. 98-1044.
Sep. 26, 1984.—Senate agreed to Conference Report (Cong. Record S11841-S11845).
Oct. 1, 1984.—House agreed to Conference Report; clearing measure for the President (Cong. Record H10565-H10570).
Oct. 3, 1984.—Presented to the President.
Oct. 11, 1984.—Signed by the President. P.L. 98-462.

H.R. 4047 **Sept. 30, 1983**

MR. FUQUA (FOR HIMSELF), MR. BROWN OF CALIFORNIA, MR. GORE, MR. MACKAY, AND MR. BOEHLERT

To advance national prosperity and welfare, to foster the development and use of robots and automated manufacturing systems, and for other purposes.

Oct. 5, 1983.—Referred to the Subcommittee on Science, Research and Technology.
June 12, 13, 14, 1984.—Subcommittee hearings.

See S.1286.

H.R. 4060 **Sept. 30, 1983**

MR. WISE

To amend the United States Synthetic Fuels Corporation Act to support synthetic fuel research and development.

(Jointly to the Committees on Banking Finance and Urban Affairs, and Science and Technology)

Oct. 5, 1983.—Referred to the Subcommittee on Energy Development and Applications.

H.R. 4098 **Oct. 5, 1983**

MR. WOLPE (FOR HIMSELF), MR. CORCORAN, MR. D'AMOURS, MR. WEBER, MR. ASPIN, MR. BATES, MR. BETHUNE, MR. BONIOR OF MICHIGAN, MRS. BOXER, MR. BROYHILL, MRS. COLLINS, MR. DERRICK, MR. DOWNEY, MS. FERRARO, MRS. HOLT, MR. GREEN, MR. HILER, MR. EDWARDS OF CALIFORNIA, MR. GEPHARDT, MS. KAPTUR, MR. KEMP, MR. KINDNESS, MR. MCHUGH, MR. MITCHELL OF MARYLAND, MR. OTTINGER, MR. PORTER, MR. PURSELL, MR. RATCHFORD, MRS. SCHNEIDER, MR. SEIBERLING, MR. WAXMAN, MR. WEISS, MR. WILLIAMS OF MONTANA, MR. FRANK, MR. LIVINGSTON, MR. EMERSON, MRS. SCHROEDER, MR. WON PAT, MR. FOGLIETTA, MR. BERMAN, MR. STOKES, MR. MORRISON OF WASHINGTON, MR. JEFFORDS, MR. MCGRATH, MR. TALLON, MR. BEDELL, MRS. MARTIN OF ILLINOIS, MR. FRENZEL, MR. FORSYTHE, MR. SKELTON, MRS. HALL OF INDIANA, MR. DONNELLY, MR. UDALL, MR. MILLER OF CALIFORNIA, MR. DAUB, MR. WEAVER, MR. ECKART,

H.R. 4098—Continued

MR. EDGAR, MR. LUKEN, MR. BEILENSON, MR. GRAY, MR. LEACH OF IOWA, MR. WALGREN, MR. SIKORSKI, MR. SOLARZ, MR. HEFNER, MS. OAKAR, MR. DIXON OF CALIF., MR. HAWKINS OF CALIFORNIA, MR. HUGHES, MR. ALEXANDER, MR. MARKEY, MR. DICKS, MR. KASTENMEIER, MR. JACOBS, MR. SOLOMON, MS. SNOWE, MR. BEREUTER, MR. ROTH OF WISCONSIN, MR. PRITCHARD, MR. LAGOMARSINO, MR. GILMAN, MR. LEVINE OF CALIFORNIA, MR. CROCKETT, MR. YATRON, MR. GARCIA, MR. FEIGHAN, MR. STUDDS, MR. SMITH OF FLORIDA, MR. DYMALLY, MR. SILJANDER, MR. BROOMFIELD, MR. HYDE, MR. LOWRY OF WASHINGTON, MR. BOEHLERT, MR. MOAKLEY, MRS. ROUKEMA, MR. WALKER, MR. GINGRICH, MR. SAVAGE, MR. TOWNS, MR. GLICKMAN, MR. REID, MR. BARNES, MR. KOSTMAYER, MR. DELLUMS, MR. PEASE, MRS. KENNELLY, MR. BROWN OF CALIFORNIA, MR. PANETTA, MR. BIAGGI, MR. RANGEL, MR. HALL OF OHIO, MS. MIKULSKI, MR. DAVIS, MR. ANNUNZIO, MR. DASCHLE, MR. WHEAT, MR. CARNEY, MR. SLATTERY, MR. YOUNG OF FLORIDA, MR. ROEMER, MR. TAUKE, MR. LEWIS OF FLORIDA, MR. FAUNTROY, MR. CLARKE, MR. GRADISON, MR. ZSCHAU, MR. HARKIN, MR. MARTINEZ, MRS. BURTON, MR. CARPER, MR. HAMILTON, MR. TORRICELLI, MR. BARNARD, MR. GUNDERSON, MR. CONTE, MR. HERTEL OF MICHIGAN, MRS. JOHNSON OF CONN., MR. APPLEGATE, MR. HANSEN OF IDAHO, MR. GREGG, MR. SENSENBRENNER, MR. VANDER JAGT, MR. MADIGAN, MR. PETRI, MR. MCCOLLUM, MR. GOODLING, MR. HAYES OF ILLINOIS, MR. DWYER OF NEW JERSEY, MR. HOWARD, MR. NEAL, MR. KILDEE, MR. ROSE, MR. OLIN, MR. DANIEL B. CRANE, MR. WORTLEY, MR. MINISH, MR. AKAKA, MR. ACKERMAN, MR. OXLEY, MR. PAUL, MR. SPRATT, MR. COUGHLIN, MR. SHUSTER, MR. RINALDO, MR. LONG OF MARYLAND, MR. SHANNON, MR. PENNY, MR. HANSEN OF UTAH, MR. GEJDENSON, MR. VENTO, MR. BLILEY, MR. COATS, MR. SWIFT, MR. WHITTAKER, MR. ADDABBO, MR. PHILIP M. CRANE, MR. CHANDLER, MR. FOWLER, MR. CONYERS, MR. OWENS, MR. FORD OF MICHIGAN, MR. SCHUMER, MR. FISH, MR. MRAZEK, MR. LOWERY OF CALIFORNIA, MR. MACKAY, MR. MOODY, MR. LEHMAN OF FLORIDA, MR. SIMON, MR. OBEY, MR. MATSUI, MR. HARRISON, MR. LEVITAS, MR. STARK, MR. DREIER OF CALIFORNIA, MR. DE LUGO, MR. BENNETT, MR. WHITLEY, MR. CLAY, MR. GUARINI, MR. RODINO, MR. LUNGREN, MR. RUSSO, MR. HILLIS, MR. DYSON, MR. PARRIS, MR. ANTHONY, MR. BONKER, MR. MAZZOLI, MR. SMITH OF IOWA, MR. SCHEUER, MR. SAWYER, MR. ROYBAL, MR. CRAIG, MR. TORRES, MR. BADHAM, MR. SHUMWAY, MR. VUCANOVICH, MR. FAZIO, MR. YOUNG OF MISSOURI, MR. ROE, MR. EVANS OF ILLINOIS, MR. MORRISON OF CONNECTICUT, MR. RIDGE, MR. O'BRIEN, MR. BILIRAKIS, MR. BURTON OF INDIANA, MR. FORD OF TENNESSEE, MR. GEKAS

To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

(Jointly to the Committees on Banking, Finance and Urban Affairs; Energy and Commerce; and Science and Technology)

Oct. 14, 1983.—Referred to the Subcommittee on Energy Development and Applications.
June 6, 7, 13, 1984.—Subcommittee hearings.

H.R. 4108 **Oct. 6, 1983**

MR. DYSON

To amend the Federal Water Pollution Control Act to provide for the enhanced water quality of the Chesapeake and Narragansett Bays, and for other purposes.

(Jointly to the Committees on Public Works and Transportation, and Science and Technology)

Oct. 14, 1983.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 4182 **Oct. 20, 1983**

MR. RAHALL (FOR HIMSELF), MS. LLOYD, MR. SIMON, MR. BOUCHER, MR. MOLLOHAN, MR. STAGGERS, MR. PRICE, MR. BEVILL, MR. MCCLOSKEY, MR. DURBIN, MR. WILLIAMS OF OHIO, MR. WALGREN, AND MR. HAMILTON

To establish a National Coal Science, Technology, and Engineering Development Program.

Oct. 24, 1983.—Referred to the Subcommittee on Energy Development and Applications.

H.R. 4186 **Oct. 20, 1983**

MR. GLICKMAN (FOR HIMSELF), MR. FUQUA, MR. YOUNG OF ALASKA, MR. YOUNG OF MISSOURI, MR. MINETA, MR. KOGOVSEK, MR. SCHEUER, MR. WALGREN, MR. BROWN OF CALIFORNIA, MR. DYMALLY, AND MR. GEPHARDT

To provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, and for other purposes.

Hearings printed, No. 56.

Oct. 24, 1983.—Referred to the Subcommittee on Transportation, Aviation and Materials.
Oct. 27, 1983.—Subcommittee meeting (markup). Ordered bill forwarded to the Full Committee without amendments.
Nov. 10, 1983.—Full Committee meeting (markup). As amended, became Title II of S.373.

See S.373.

H.R. 4192 **Oct. 21, 1983**

MR. RITTER (FOR HIMSELF), MR. MARTIN OF NORTH CAROLINA, MR. FUQUA, MR. WINN, MR. WALGREN, MR. GREGG, MR. BROWN OF CALIFORNIA, MR. SENSENBRENNER, MR. YOUNG OF MISSOURI, MR. BOEHLERT, MR. LUNDINE, MR. DYMALLY, MR. MINETA, MR. DURBIN, MR. MACKAY, MR. BLILEY, MR. TALLON, MR. WOLF, AND MR. ZSCHAU

To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

Supersedes H.R. 3840 and H.R. 3976.

Oct. 31, 1983.—Referred jointly to the Subcommittees on Natural Resources, Agriculture Research and Environment and Science, Research and Technology.
May 17, 1984.—Subcommittee on Natural Resources, Agriculture Research and Environment hearing.
June 5, 1984.—Subcommittee on Natural Resources, Agriculture Research and Environment hearing.
July 2, 1984.—Comment received from the Department of Agriculture; unfavorable.

H.R. 4245 **Oct. 28, 1983**

MR. BROWN OF CALIFORNIA (FOR HIMSELF), MR. WALGREN, MR. LUNDINE, MR. DYMALLY, MR. UDALL, MR. WAXMAN, MR. EDGAR, MRS. SCHROEDER, MR. HAWKINS OF CALIFORNIA, MR. BEILENSON, MR. BERMAN, MR. TORRES, MR. LEVINE OF CALIFORNIA, MR. MITCHELL OF MARYLAND

To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.

(Jointly to the Committees on Science and Technology and the Judiciary)

Nov. 9, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 4361 **Nov. 10, 1983**

MR. LAFALCE (FOR HIMSELF), MR. ST GERMAIN, MR. LUNDINE, MR. VENTO, MS. OAKAR, MR. MINISH, MR. FAUNTROY, MR. COYNE, MR. COOPER, MS. KAPTUR, MR. LEVIN OF MICHIGAN, MR. TORRES, MR. ANNUNZIO, MRS. BOGGS

To promote the commercial application and diffusion of advanced technology within industrial sectors.

(Jointly to the Committees on Banking, Finance and Urban Affairs, and Science and Technology)

Nov. 15, 1983.—Referred to the Subcommittee on Science, Research and Technology.
Apr. 24, 1984.—Committee on Banking, Finance and Urban Affairs report filed in the House (H.Rept. 98–693, Part 1).
June 7, 12, 13, 14, 1984.—Subcommittee hearings.

H.R. 4392 **Nov. 15, 1983**

MR. MAVROULES (FOR HIMSELF), MR. WILLIAMS OF MONTANA, MR. CROCKETT, MR. RATCHFORD, MR. VENTO, MR. MOAKLEY, MR. JEFFORDS, MR. HUGHES, MR. RICHARDSON, MR. CLINGER

To provide for an accelerated program of research, development, and demonstration with respect to the production of electricity from magnetohydrodynamics, leading to the construction and operation of at least one major proof of concept demonstration project in connection with an existing electric powerplant, and for other purposes.

Nov. 17, 1983.—Referred to the Subcommittee on Energy Development and Applications.

H.R. 4415 **Nov. 16, 1983**

MR. FUQUA, MR. CHANDLER

To establish a program to conduct research and development for improved manufacturing technologies, and for other purposes.

Nov. 22, 1983.—Referred to the Subcommittee on Science, Research and Technology.
June 12, 13, 14, 1984.—Subcommittee hearings.

See S.1286.

H.R. 4432 **Nov. 16, 1983**

MR. BONKER (FOR HIMSELF), MR. ALEXANDER, MR. GLICKMAN, MR. STOKES, MR. BERMAN, MR. SMITH OF FLORIDA, MR. TOWNS, MR. WILLIAMS OF MONTANA, MR. THOMAS OF GEORGIA, MR. HUGHES, AND MR. BEDELL

To establish as an executive department of the United States Government a Department of Commerce and Trade, and for other purposes.

(Jointly to the Committees on Government Operations; Agriculture; Banking, Finance and Urban Affairs; Energy and Commerce; Foreign Affairs; Merchant Marine and Fisheries; Science and Technology; and Ways and Means)

Nov. 28, 1983.—Referred jointly to the Subcommittees on Natural Resources, Agriculture Research and Environment and Science, Research and Technology.

H.R. 4490 **Nov. 18, 1983**

MR. BROWN OF CALIFORNIA

Entitled: the "Metric Evaluation Act of 1984".

Dec. 21, 1983.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 4628 **Jan. 24, 1983**

MR. GORE

To establish a National Education Software Corporation to promote the development and distribution of high-quality, interactive, and educationally useful computer software, amd for other purposes.

(Jointly to the Committees on Education and Labor, and Science and Technology)

Jan. 27, 1984.—Referred to the Subcommittee on Science, Research and Technology.
May 15, 1984.—Committee on Education and Labor report filed in the House (H.Rept. 98-753, part 1).
June 5, 1984.—Subcommittee hearing.
June 19, 1984.—Subcommittee meeting (markup). Ordered bill forwarded to full committee with an amendment in the nature of a substitute.
Aug. 8, 1984.—Full committee meeting (markup).

H.R. 4655 **Jan. 25, 1984**

MR. D'AMOURS

To require the National Weather Service to report routinely on the levels of acid content found in precipitation and dry deposition throughout the United States, and for other purposes.

Jan. 27, 1984.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 4684 **Jan. 30, 1984**

MR. MACKAY (FOR HIMSELF), MR. BROWN OF CALIFORNIA, MR. WALGREN, MR. TOWNS, MR. BARNES, MRS. BOXER, MR. BONIOR OF MICHIGAN, MR. ANDREWS OF NORTH CAROLINA, MR. ACKERMAN, MR. EDGAR, MS. MIKULSKI, MR. GORE, MR. OLIN, MR. DOWNEY, MR. GRAY, MR. WEAVER, MR. NEAL, MR. GLICKMAN, MR. JONES OF NORTH CAROLINA, MRS. BURTON, MR. TALLON, MR. FOLEY, MR. FORD OF MICHIGAN, MR. WOLPE, MR. LELAND, MS. OAKAR, MR. PANETTA, MR. HUTTO, MR. DURBIN, MRS. LLOYD, MR. DELLUMS, MR. SIMON, MR. FRANK, MR. BRITT, MR. MATSUI, MR. WIRTH, MR. OWENS, MR. FUQUA, MR. MINETA, MR. DYMALLY, MRS. SCHROEDER, MR. CARPER, MR. LUNDINE, MS. SNOWE, MR. NELSON OF FLORIDA, MR. LEVIN OF MICHIGAN, MR. SCHEUER, MR. TORRICELLI, MR. MOODY, MR. COOPER, MR. PENNY, MR. WISE, MR. DE LA GARZA, MR. MOAKLEY, MR. YOUNG OF MISSOURI, MR. MCCURDY, MR. GILMAN

To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

(Jointly to the Committees on Agriculture, and Science and Technology)

Hearings printed, Nos. 35, 124.

Feb. 6, 1984.—Referred to the Subcommittee on Science, Research and Technology.
June 20, 1984.—Subcommittee hearing (jointly with Committee on Agriculture, Subcommittee on Departmental Operations, Research, and Foreign Agriculture).
July 25, 1984.—Subcommittee meeting (markup). Forwarded to the full committee with amendments.
Aug. 8, 1984.—Full committee meeting (markup).
Sep. 20, 1984.—Full committee meeting (markup). Ordered bill reported with amendments.
Sep. 25, 1984.—Report filed in the House. H.Rept. 98-1076, part 1.
Oct. 2, 1984.—Considered by the House under Suspension of Rules. Failed passage by a yea-and-nay vote of 265 yeas to 157 nays (Cong. Record H10641-H10655).

H.R. 4797 **Feb. 8, 1984**

MR. FUQUA (BY REQUEST)

To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.

Administration Proposal. (Executive Communications Nos. 2599 and 2610.)

Hearings printed, Nos. 69, 84.

Feb. 15, 1984.—Referred jointly to the Subcommittees on Space Science and Applications and Transportation, Aviation and Materials.
Feb. 1, 2, 7, 8, 9, 1984.—Subcommittee on Space Science and Applications hearings held prior to introduction and subcommittee referral.
Feb. 9, 1984.—Subcommittee on Transportation, Aviation and Materials hearing held prior to subcommittee referral.
Feb. 22, 23, 28, 29, 1984.—Subcommittee on Space Science and Applications hearings.
Mar. 1, 1984.—Subcommittee on Transportation, Aviation and Materials and Subcommittee on Space Science and Applications joint hearing.
Mar. 13, 1984.—Subcommittee on Transportation, Aviation and Materials meeting (markup). Ordered clean bill to be introduced.
Mar. 13, 1984.—Subcommittee on Space Science and Applications meeting (markup). Ordered clean bill to be introduced.

Superseded by H.R. 5154.

H.R. 4822 **Feb. 9, 1984**

MR. BROWN OF CALIFORNIA (FOR HIMSELF), MR. SKEEN, MR. VOLKMER, MR. EMERSON, AND MR. MCCOLLUM

To amend the National Science Foundation Act of 1950 to provide for the initiation and support of research fundamental to the engineering process in order to strengthen engineering research and engineering education, and to make changes in the organization and nomenclature of the Foundation to reflect the new essential emphasis on engineering.

Feb. 15, 1984.—Referred to the Subcommittee on Science, Research and Technology.

See H.R. 4974 and H.R. 5172.

H.R. 4836 **Feb. 9, 1984**

MR. FUQUA (FOR HIMSELF), MR. WINN, MR. SCHEUER, MR. VOLKMER, MR. LUJAN, MR. MCGRATH, MR. NELSON OF FLORIDA, MR. WALKER, MR. RALPH M. HALL, MR. CARNEY, MR. DYMALLY, MR. CHANDLER, MR. ANDREWS OF TEXAS, MR. BATEMAN, MR. MACKAY, MR. LEWIS OF FLORIDA, MR. GREGG

To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

Hearings printed, Nos. 53, 74.

Feb. 13, 1984.—Reports requested from Department of Agriculture; Department of Commerce; Department of Defense; Department of Interior; Department of State; National Aeronautics and Space Administration; and Department of Justice.
Feb. 16, 1984.—Referred jointly to the Subcommittees on Natural Resources, Agriculture Research and Environment and Space Science and Applications.
Mar. 6, 1984.—Subcommittee on Natural Resources, Agriculture Research and Environment and Subcommittee on Space Science and Applications joint hearing.
Mar. 13, 1984.—Subcommittee on Space Science and Applications meeting (markup). Ordered clean bill to be introduced.
Mar. 15, 1984.—Subcommittee on Natural Resources, Agriculture Research and Environment meeting (markup). Ordered clean bill to be introduced.

Superseded by H.R. 5155.

H.R. 4862 **Feb. 9, 1984**

MR. WATKINS

To establish as an executive department of the Government a Department of International Trade and Industry, to establish the National Oceanic and Atmospheric Administration and the Bureau of the Census as independent agencies, and for other purposes.

(Jointly to the Committees on Government Operations; Energy and Commerce; Foreign Affairs; Merchant Marine and Fisheries; Post Office and Civil Service; Science and Technology; and Ways and Means)

Feb. 16, 1984.—Referred jointly to the Subcommittee on Natural Resources, Agriculture Research and Environment and the Subcommittee on Science, Research and Technology.

H.R. 4974 **Feb. 29, 1984**

MR. FUQUA (BY REQUEST)

To authorize appropriations to the National Science Foundation for fiscal years 1985 and 1986.

Administration Proposal. (Executive Communication No. 2675)

Hearings printed. No. 93.

Feb. 3, 9, 28, 1984.—Subcommittee on Science, Research and Technology hearings held prior to introduction.
Feb. 29, 1984.—Subcommittee on Science, Research and Technology hearing held prior to subcommittee referral.
Mar. 6, 1984.—Referred to the Subcommittee on Science, Research and Technology.
Mar. 14, 1984.—Subcommittee meeting (markup).
Mar. 15, 1984.—Subcommittee meeting (markup). Ordered bill forwarded to the full committee with an amendment in the nature of a substitute.
Mar. 21, 1984.—Full committee hearing on the engineering amendment (H.R. 4822) to the National Science Foundation Organic Act.
Mar. 22, 1984.—Full committee meeting (markup). Ordered bill reported with amendments by a recorded vote of 24 ayes to 14 nays.
Mar. 30, 1984.—Report filed in the House (H.Rept. 98-642).
Apr. 2, 1984.—Committee on Rules hearing requested.
Apr. 9, 1984.—Committee on Rules hearing. Rule granted (one hour, open).
Apr. 25, 1984.—Passed the House, amended, by a yea-and-nay vote of 252 yeas to 99 nays (Cong. Record H3006-H3028).
Apr. 26, 1984.—Referred to the Senate Committee on Commerce, Science and Transportation.

H.R. 5003 **Mar. 1, 1984**

MR. FUQUA (FOR HIMSELF), MR. BROWN OF CALIFORNIA, MR. WALGREN, MR. BOUCHER, MR. SENSENBRENNER, AND MR. GREGG

To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development, and for other purposes. (Jointly to the Committees on the Judiciary and Science and Technology).

Hearings printed, No. 86.

Mar. 8, 1984.—Referred to the Subcommittee on Science, Research and Technology.
May 15, 16, 1984.—Subcommittee hearings.
May 21, 1984.—Reports requested from Department of Health and Human Services; Department of Transportation; Department of Agriculture; Appalachian Regional Commission; National Science Foundation; Environmental Protection Agency; Department of Interior; Department of Energy; Consumer Product Safety Commission; National Aeronautics and Space Administration; Department of Defense; Nuclear Regulatory Commission; National Institutes of Health; Department of State; and Veterans Administration.
June 5, and Aug. 7, 1984.—National Science Foundation comments received; favorable.
June 11, 1984.—U.S. Consumer Product Safety Commission comments received; favorable.
June 19, 1984.—Subcommittee meeting (markup).
June 22, 1984.—Department of Agriculture comments received; favorable.
June 27, 1984.—Department of Interior comments received; favorable.
July 16, 1984.—Comments received from Veterans Administration; favorable.
July 25, 1984.—Subcommittee meeting (markup). Forwarded to the full committee with amendments.
Aug. 8, 1984.—Full committee meeting (markup). Ordered measure reported with amendments.
Aug. 15, 1984.—Report filed in the House. H.Rept. 98-983, Part 1.
Oct. 5, 1984.—Incorporated as Title V of H.R. 6163, as provided by Rule (H.Res. 606) to consider H.R. 6163.
Oct. 9, 1984.—House agreed to Senate amendments to H.R. 6163 by a yea-and-nay vote of 363 yeas to 0 nays; clearing measure for the President (Cong. Record H11595-H11617).
Nov. 8, 1984.—Signed by the President. P.L. 98-620.

H.R. 5044 **Mar. 6, 1984**

MR. WALGREN (FOR HIMSELF), MR. MURPHY, MR. KOLTER, MR. MURTHA, MR. RAHALL, MR. GAYDOS, MR. CLINGER, MR. LUKEN, MR. MCCLOSKEY, MR. HARRISON, MR. APPLEGATE, MR. RICHARDSON, MR. MCDADE, MR. EDGAR

To establish a national coal science, technology, and engineering development program.

Mar. 9, 1984.—Referred to the Subcommittee on Energy Development and Applications.
June 6, 7, 13, 1984.—Subcommittee hearings.

H.R. 5048 **Mar. 7, 1984**

MR. OTTINGER

To authorize appropriations for the Department of Energy for civilian applications for fiscal years 1985 and 1986, and for other purposes.

(Jointly to the Committees on Energy and Commerce; Interior and Insular Affairs; and Science and Technology).

Mar. 15, 1984.—Referred jointly to the Subcommittees on Energy Development and Applications; Natural Resources, Agriculture Research and Environment; Energy Research and Production; and Transportation, Aviation and Materials.
May 17, 1984.—Committee on Education and Labor report filed in the House (H.Rept. 98-787, part 1).

H.R. 5101 **Mar. 8, 1984**

MR. WALGREN (FOR HIMSELF) AND MR. BROWN OF CALIFORNIA

To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985, and for related purposes.

Hearings printed. No. 91.

Feb. 2, 7, 1984.—Subcommittee on Science, Research and Technology hearings held prior to introduction.
Mar. 13, 1984.—Referred to the Subcommittee on Science, Research and Technology.
Mar. 13, 1984.—Subcommittee meeting (markup). Ordered clean bill to be introduced.

Superseded by H.R. 5172.

H.R. 5154 **Mar. 15, 1984**

MR. FUQUA (FOR HIMSELF), MR. VOLKMER, MR. LUJAN, MR. NELSON OF FLORIDA, MR. CHANDLER, MR. BROWN OF CALIFORNIA, MR. RALPH M. HALL, MR. DYMALLY, MR. MINETA, MR. MACKAY, MR. TORRICELLI, AND MR. GLICKMAN

To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.

Supersedes H.R. 4797.

Retained in Full Committee.

Hearings printed, Nos. 69, 84.

Mar. 20, 1984.—Full committee meeting (markup). Ordered bill reported with amendments by a recorded vote of 31 ayes to 7 nays.
Mar. 21, 1984.—Report filed in the House (H.Rept. 98–629).
Mar. 22, 1984.—Committee on Rules hearing requested.
Mar. 27, 1984.—Committee on Rules hearing. Rule granted (one hour, open).
Mar. 28, 1984.—Passed the House, amended, by a yea-and-nay vote of 389 yeas to 11 nays (Cong. Record H2028–H2053).
Mar. 30, 1984.—Senate concurrence requested.
Mar. 30, 1984.—Referred to the Senate Committee on Commerce, Science and Transportation.
May 8, 1984.—Senate Committee on Commerce, Science and Transportation ordered H.R. 5154, in lieu of S.2612, reported with an amendment in the nature of a substitute.
May 17, 1984.—Committee on Commerce, Science and Transportation report filed in the Senate (S.Rept. 98–455).
June 21, 1984.—Passed Senate with an amendment in the nature of a substitute (Cong. Record S8047–S8055).
June 21, 1984.—Senate insisted on its amendment, requested a conference with the House thereon, and appointed as conferees: Senators Packwood, Gorton, Goldwater, Lautenberg, and Heflin (Cong. Record S8055).
June 26, 1984.—House disagreed to the Senate amendment in the nature of a substitute to H.R. 5154 and agreed to a conference. Appointed as conferees: Representatives Fuqua, Glickman, Volkmer, Nelson of Florida, Andrews of Texas, Winn, Lujan, and Carney. Appointed as additional conferees solely for consideration of section 111 of the House bill and modifications committed to conference: Representatives Brown of California and Walker (Cong. Record H6839).
June 27, 1984.—Conferees met.
June 27, 1984.—Conference Report filed in House (H.Rept. 98–873) (Cong. Record H7140–H7145).
June 27, 1984.—Senate agreed to Conference Report (Cong. Record S8458–S8461).
June 28, 1984.—House agreed to Conference Report by a yea-and-nay vote of 298 yeas to 119 nays; clearing measure for the President (Cong. Record H7261–H7264).
July 16, 1984.—Signed by the President. P.L. 98–361.

H.R. 5155 **Mar. 15, 1984**

MR. FUQUA (FOR HIMSELF), MR. WINN, MR. SCHEUER, MR. VOLKMER, MR. LUJAN, MR. MCGRATH, MR. NELSON OF FLORIDA, MR. WALKER, MR. RALPH M. HALL, MR. CARNEY, MR. DYSON, MR. CHANDLER, MR. ANDREWS OF TEXAS, MR. BATEMAN, MR. MACKAY, MR. LEWIS OF FLORIDA, MR. GREGG, MR. SKEEN, MR. AKAKA, MR. LOWERY OF CALIFORNIA, MR. TORRICELLI, MR. DURBIN, MR. SENSENBRENNER, AND MR. BOEHLERT

To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

Supersedes H.R. 4836.

Retained in Full Committee.

Hearings printed, Nos. 53, 74.

Mar. 27, 1984.—Full committee meeting (markup). Ordered bill reported without amendments.
Apr. 3, 1984.—Report filed in the House (H.Rept. 98–647).
Apr. 9, 1984.—Passed the House under Suspension of the Rules (Cong. Record H2467–H2477).
Apr. 10, 1984.—Referred to the Senate Committee on Commerce, Science and Transportation.
May 8, 1984.—Committee on Commerce, Science and Transportation ordered H.R. 5155, in lieu of S.2292, reported with an amendment in the nature of a substitute.
May 17, 1984.—Committee on Commerce, Science and Transportation report filed in the Senate (H.Rept. 98–458).
June 8, 1984.—Passed Senate with an amendment in the nature of a substitute (Cong. Record S6853–S6860).
June 28, 1984.—House agreed, with an amendment to the Senate amendment, returning the measure to the Senate (Cong. Record H7255–H7261).
June 29, 1984.—Explanation of compromise amendment to H.R. 5155 (Cong. Record H7583–H7584).
June 29, 1984.—Senate concurred in the amendment of the House to the Senate amendment, clearing the measure for the President (Cong. Record S8902–S8908).
July 17, 1984.—Signed by the President. P.L. 98–365.

H.R. 5172 **Mar. 15, 1984**

MR. WALGREN (FOR HIMSELF), MR. BROWN OF CALIFORNIA, MR. DYMALLY, MR. TORRICELLI, MR. LUNDINE, MR. REID, AND MR. MINETA

To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985 and for related purposes.

Supersedes H.R. 5101, S.1286 and H.R. 4822.

Retained in Full Committee.

Hearings printed, No. 91.

Mar. 22, 1984.--Full committee meeting (markup).
Mar. 27, 1984.—Full committee meeting (markup). Ordered bill reported with amendments by a recorded vote of 26 ayes to 13 nays.
Apr. 2, 1984.—Committee on Rules hearing requested.
Apr. 4, 1984.—Report filed in the House (H.Rept. 98-650).
Apr. 9, 1984.—Committee on Rules hearing. Rule granted (one hour, open).
Apr. 26, 1984.—Considered by the House (Cong. Record H3092-H3109).
May 2, 1984.—Passed the House, amended (Cong. Record H3267-H3269).
May 3, 1984.—Referred to the Senate Committee on Commerce, Science and Transportation.
Aug. 8, 1984.—H.R. 5172 ordered reported by the Senate Committee on Commerce, Science and Transportation with an amendment in the nature of a substitute and an amendment to the title.
Aug. 27, 1984.—Reported by the Senate. No written report.
Sep. 21, 1984.—Passed the Senate with Senate amendments for the National Bureau of Standards corresponding to the prior appropriations bill, plus the provisions of S.1286, as reported from the Committee on Science and Technology, and the engineering amendments to the Organic Act of the National Science Foundation as contained in H.R. 4822. (Cong. Record S11661-S11666).
Sep. 25, 1984.—House concurrence requested on Senate amendments to H.R. 5172.
Oct. 2, 1984.—Objection was heard to a unanimous consent request to agree to the Senate amendments to H.R. 5172 (Cong. Record H10882-H10885).
Oct. 3, 1984.—Rule providing for a motion to take H.R. 5172 from the Speaker's table filed in the House (H.Res. 600; H.Rept. 98-1130).
Oct. 4, 1984.—House cleared for the President H.R. 5172 by agreeing to the Senate amendments thereto. H.Res. 600, the Rule providing for a motion to agree to the Senate amendments to H.R. 5172 was agreed to by voice vote (Cong. Record H11409-H11410; H11457-H11463).
Oct. 18, 1984.—Presented to the President.
Oct. 30, 1984.—Vetoed by the President.

H.R. 5244 **Mar. 27, 1984**

MR. FUQUA

To authorize appropriations to the Department of Energy for civilian research and development programs for fiscal years 1985, 1986, and 1987.

Retained in Full Committee.

Hearings printed, Nos. 73, 77, 87, 88, 89, 101, 116, 117.

Mar. 27, 1984.—Full committee meeting (markup).
Apr. 3, 1984.—Full committee meeting (markup). Ordered bill reported with amendments.
Apr. 12, 1984.—Report filed in the House (H.Rept. 98-686).
Apr. 26, 1984.—Committee on Rules hearing requested.
May 22, 1984.—Committee on Rules hearing. Rule granted (one hour, open).
Aug. 6, 1984.—Considered by the House (Cong. Record H8481-H8494).

H.R. 5245 **Mar. 27, 1984**

MR. FUQUA

To authorize appropriations to the Department of Energy for civilian energy programs for fiscal years 1985, 1986, and 1987.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology)

Retained in Full Committee.

Hearings printed, Nos. 73, 77, 87, 88, 89, 101, 116, 117.

Mar. 27, 1984.—Full committee meeting (markup).
Apr. 3, 1984.—Full committee meeting (markup). Ordered bill reported with amendments.
Apr. 12, 1984.—Report filed in the House (H.Rept. 98-688, Part 1).

H.R. 5259 **Mar. 27, 1984**

MR. LEVITAS

To terminate certain authority of the executive branch of the Government which is subject to congressional review unless that authority is approved by an enactment of the Congress.

Mar. 30, 1984.—Referred jointly to the Subcommittees on Energy Development and Applications and Energy Research and Production.

H.R. 5319 **Apr. 2, 1984**

MR. LEVITAS

To terminate certain authority of the executive branch of the Government which is subject to congressional review unless that authority is approved by an enactment of the Congress.

Apr. 4, 1984.—Referred jointly to the Subcommittees on Energy Development and Applications and Energy Research and Production.

H.R. 5333 **Apr. 3, 1984**

MR. LEVITAS

To terminate certain authorities of the executive branch of the Government which are subject to congressional review unless those authorities are approved by an enactment of the Congress.

(Jointly to the Committees on Banking, Finance and Urban Affairs, and Science and Technology)

Apr. 5, 1984.—Referred jointly to the Subcommittees on Transportation, Aviation and Materials and Space Science and Applications.

H.R. 5369 **Apr. 4, 1984**

MR. UDALL, MR. MCNULTY, MR. RICHARDSON

To authorize appropriations for the Department of Energy for certain civilian energy programs for fiscal years 1985 and 1986, and for other purposes.

(Jointly to the Committees on Energy and Commerce, Interior and Insular Affairs, and Science and Technology)

Apr. 5, 1984.—Referred to the Subcommittee on Energy Research and Production.
May 15, 1984.—Committee on Interior and Insular Affairs report filed in the House (H.Rept. 98-760, part 1).

H.R. 5592 **May 3, 1984**

MS. LLOYD, MR. PERKINS AND MR. MURTHA

To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

May 7, 1984.—Referred to the Subcommittee on Energy Development and Applications.
June 6, 7, 13, 1984.—Subcommittee hearings.

H.R. 5593 **May 3, 1984**

MS. LLOYD (FOR HERSELF), MR. PRICE, MR. LUJAN, MR. SHELBY, MR. RAHALL, MR. BONER OF TENNESSEE, MR. STOKES, MR. FLIPPO, MR. STAGGERS, MR. COOPER, MR. SIMON, MR. BOUCHER, MR. MCCLOSKEY, MR. CORCORAN, MR. MURPHY, MR. YOUNG OF MISSOURI, MR. BEVILL, MR. WALGREN, MR. DANIEL B. CRANE, MR. GORE, MR. MOLLOHAN, MR. APPLEGATE, MR. BATEMAN, MR. HAMILTON, MR. DE LUGO, MR. RITTER, MR. MILLER OF OHIO, MR. WILLIAMS OF OHIO AND MR. MARTINEZ

To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

(Jointly to the Committees on Science and Technology, Energy and Commerce, and Banking, Finance and Urban Affairs)

Similar to H.R. 5592.

May 8, 1984.—Referred to the Subcommittee on Energy Development and Applications.
June 7, 13, 1984.—Subcommittee hearings.

H.R. 5780 **June 6, 1984**

MR. BROWN OF CALIFORNIA

To amend the National Science Foundation Act of 1950 to authorize appropriations for fiscal years 1985, 1986, and 1987 for agricultural research, and for other purposes.

(Jointly to the Committees on Agriculture, and Science and Technology)

June 11, 1984.—Referred jointly to the Subcommittees on Science, Research and Technology, and Natural Resources, Agriculture Research and Environment.

H.R. 5893 **June 19, 1984**

MR. WOLPE (FOR HIMSELF), MR. SYNAR, MR. TAUKE, MR. COUGHLIN, MR. AKAKA, MR. BROWN OF CALIFORNIA, MR. CROCKETT, MR. DICKS, MR. EDWARDS OF CALIFORNIA, MR. GILMAN, MR. KASTENMEIER, MR. LIVINGSTON, MR. MATSUI, MR. MITCHELL OF MARYLAND, MR. MOODY, MR. PANETTA, MR. RICHARDSON, MRS. SCHNEIDER, MR. SLATTERY, MR. VANDER JAGT, MR. BETHUNE, MR. DELLUMS, MR. LOWRY OF WASHINGTON, MRS. BOXER, MR. MOAKLEY, MRS. BURTON, MR. BONIOR OF MICHIGAN, MR. EDGAR, MR. JEFFORDS, MR. LAGOMARSINO, MR. MCCOLLUM, MR. SAWYER, MR. BENNETT, MR. ECKART, MR. SEIBERLING, MR. MRAZEK, MRS. KENNELLY, MR. BATES, MR. MACKAY, MR. KILDEE, MR. GLICKMAN, MR. HALL OF INDIANA, MR. D'AMOURS, MR. PENNY, MR. TAUZIN, MR. GRADISON, MR. KEMP, MR. OTTINGER, MR. UDALL, MR. FRENZEL, MR. BEDELL, MR. DOWDY, MS. KAPTUR, MR. MARTINEZ, MR. BERMAN

Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

(Jointly to the Committees on Appropriations; Banking, Finance and Urban Affairs; Energy and Commerce; and Science and Technology)

June 27, 1984.—Referred to the Subcommittee on Energy Development and Applications.

H.R. 5958 **June 28, 1984**

MR. SCHEUER (FOR HIMSELF), MR. BROWN OF CALIFORNIA, MR. MACKAY, MR. TORRICELLI, MR. BIAGGI, AND MR. CHANDLER

To provide for improvements in the Nation's environmental monitoring programs, to establish a National Commission on Environmental Monitoring, and to enhance United States participation in international monitoring programs.

(Jointly to the Committees on Merchant Marine and Fisheries and Science and Technology)

Mar. 8, 1984.—Reports requested prior to introduction from National Oceanic and Atmospheric Administration; National Academy of Sciences; Environmental Protection Agency; National Institutes of Health; Council on Environmental Quality; and Department of Commerce.

Mar. 28, 1984.—Subcommittee on Natural Resources, Agriculture Research and Environment hearing held prior to introduction.

July 9, 1984.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 6140 **Aug. 9, 1984**

MR. WALGREN

To promote the resolution of problems affecting the domestic steel industry by establishing an advisory council to advise the President on modernization in the steel industry, propose technological solutions to problems in such industry, and perform other functions.

(Jointly to the Committees on Energy and Commerce, and Science and Technology)

Aug. 20, 1984.—Referred to the Subcommittee on Science, Research and Technology.

H.R. 6325 **Sept. 26, 1984**

MR. SILJANDER

To provide for coordinated management and rehabilitation of the Great Lakes, and for other purposes.

(Jointly to the Committees on Science and Technology and Merchant Marine and Fisheries)

Oct. 1, 1984.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

H.R. 6342 **Oct. 1, 1984**

MR. JONES OF NORTH CAROLINA (H.R. 6342); MR. BREAUX (BY REQUEST, H.R. 3416, JUNE 27, 1983) AND MR. FORSYTHE.

To approve the governing international fishery agreement between the United States and the European Economic Community and a similar agreement between the United States and Iceland, to facilitate the establishment of artificial reefs in the waters of the United States, to provide legislative authority to implement the Convention on the Conservation of Antarctic Marine Resources, and for other purposes.

Supersedes H.R. 3416.

Sep. 22, 1983.—Committee on Merchant Marine and Fisheries ordered H.R. 3416 reported (H.Rept. 98-411, Part 1).
Feb. 2, 1984.—Committee on Science and Technology requested sequential referral of H.R. 3416.
Oct. 1, 1984.—H.R. 6342 introduced. Title III of H.R. 6342 incorporated provisions of H.R. 3416 within the jurisdiction of the Committee on Science and Technology.
Oct. 3, 1984.—Committee on Science and Technology informed Committee on Merchant Marine and Fisheries that, in the interest of expediting consideration of H.R. 6342 by the 98th Congress, the Committee on Science and Technology had no objections to bringing the bill to the House, as long as the understanding was clear as to present and future jursidiction.
Oct. 4, 1984.—Committee on Merchant Marine and Fisheries discharged from further consideration by unanimous consent.
Oct. 4, 1984.—H.R. 6342 passed the House, amended, by voice vote. (Cong. Record H11382-H11392).
Oct. 10, 1984.—Passed the Senate without amendment by voice vote.
Nov. 11, 1984.—Signed by the President. P.L. 98-623.

H.R. 6407 **Oct. 4, 1984**

MR. WINN

Entitled the "Value Engineering Council Act of 1984".

(Jointly to the Committees on Science and Technology and Government Operations)

Oct. 12, 1984.—Referred to the Subcommittee on Science, Research and Technology.

HOUSE RESOLUTIONS

HOUSE JOINT RESOLUTIONS

HOUSE CONCURRENT RESOLUTIONS

H.Con.Res. 168 **Sept. 19, 1983**

MR. ANDREWS OF TEXAS (FOR HIMSELF), MR. SCHEUER, MR. WRIGHT, MR. DINGELL, MR. PEPPER, MR. BROOKS, MR. PICKLE, MR. FASCELL, MR. AKAKA, MR. FROST, MR. LELAND, MR. BROWN OF CALIFORNIA, MR. MACKAY, MRS. SCHNEIDER, MR. HARKIN, MR. TORRICELLI, MR. ACKERMAN, MR. ALBOSTA, MR. ANTHONY, MR. BARNES, MR. BATES, MR. BEILENSON, MR. BENNETT, MR. BERMAN, MR. BILIRAKIS, MR. BOSCO, MR. BOUCHER, MRS. BOXER, MR. BRYANT, MR. CHAPPELL, MR. CORRADA, MR. CROCKETT, MR. DELLUMS, MR. DE LUGO, MR. DIXON OF CALIF., MR. DORGAN OF NORTH DAKOTA, MR. DURBIN, MR. DWYER OF NEW JERSEY, MR. DYMALLY, MR. EDGAR, MR. EDWARDS OF CALIFORNIA, MR. EVANS OF ILLINOIS, MR. FEIGHAN, MR. FISH, MR. FOGLIETTA, MR. FORD OF TENNESSEE, MR. FRANK, MR. GINGRICH, MR. GLICKMAN, MR. GORE, MR. RALPH M. HALL, MR. SAM B. HALL, MR. HANCE, MR. HARRISON, MR. HATCHER, MR. HEFNER, MR. HEFTEL OF HAWAII, MR. HOYER, MR. HUBBARD, MR. HUGHES, MR. HUTTO, MR. IRELAND, MS. KAPTUR, MRS. KENNELLY, MR. KINDNESS, MR. LAFALCE, MR. LEHMAN OF CALIFORNIA, MR. LEHMAN OF FLORIDA, MR. LEVIN OF MICHIGAN, MR. LEVINE OF CALIFORNIA, MR. LEWIS OF FLORIDA, MS. LLOYD, MR. LONG OF MARYLAND, MR. LOWERY OF CALIFORNIA, MR. LUKEN, MR. LUNDINE, MR. MCCLOSKEY, MR. MCCURDY, MR. MCKERNAN, MR. MCKINNEY, MR. MCNULTY, MR. MATSUI, MR. MAVROULES, MR. MINETA, MR. MOAKLEY, MR. MOODY, MR. MORRISON OF CONNECTICUT, MR. NEAL, MR. NELSON OF FLORIDA, MR. OBERSTAR, MR. OLIN, MR. ORTIZ, MR. OTTINGER, MR. OWENS, MR. RATCHFORD, MR. REID, MR. RICHARDSON, MR. ROBERTS, MR. RODINO, MR. ROE, MR. SABO, MRS. SCHROEDER, MR. SEIBERLING, MR. SIMON, MR. SKELTON, MR. SMITH OF FLORIDA, MRS. SMITH OF NEBRASKA, MR. STENHOLM, MR. STOKES, MR. SUNIA, MR. TALLON, MR. TAUZIN, MR. THOMAS OF GEORGIA, MR. TOWNS, MR. TRAXLER, MR. UDALL, MR. VALENTINE, MR. VANDERGRIFF, MR. VENTO, MR. WALGREN, MR. WATKINS, MR. WAXMAN, MR. WEAVER, MR. WEISS, MR. WHEAT, MR. WILSON OF TEXAS, MR. WIRTH, MR. WON PAT, MR. YATRON, MR. YOUNG OF MISSOURI, MR. PURSELL, AND MR. HORTON

Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

Hearings printed, No. 53.

Sep. 26, 1983.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

Oct. 20, 1983.—Subcommittee meeting (markup). Ordered resolution forwarded to the Full Committee without amendments.

Nov. 3, 1983.—Full Committee meeting (markups). Ordered resolution reported without amendments.

Nov. 8, 1983.—Report filed in the House (H.Rept. 98-509).

Nov. 14, 1983.—Passed House under Suspension of the Rules by a yea and nay vote of 377 yeas to 8 nays (Cong. Record H9812-H9816;H9822).

Nov. 15, 1983.—Placed on Senate Calendar.

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H.Con.Res. 190 **Oct. 19, 1983**

MR. GLICKMAN (FOR HIMSELF), MR. CARNEY, MR. ADDABBO, MR. FORD OF TENNESSEE, MR. HARKIN, MR. FRANK, MR. EVANS OF IOWA, MR. NELSON OF FLORIDA, MR. TAUKE, MR. VANDERGRIFF, MR. LAGOMARSINO, MR. HORTON, MR. REID, MR. HUGHES, MR. GINGRICH, MR. EDWARDS OF CALIFORNIA, MR. BEREUTER, MR. VENTO, MR. SMITH OF NEW JERSEY, MR. LEVINE OF CALIFORNIA, MR. HAWKINS OF CALIFORNIA, MR. LUJAN, MR. FROST, MR. PATTERSON, MR. LEVIN OF MICHIGAN, MR. FISH, MR. BATEMAN, MR. FRENZEL, MR. DYMALLY, MR. ROE, MR. PASHAYAN, MR. ANDREWS OF TEXAS, MR. MCGRATH, MR. NIELSON OF UTAH, MR. MCEWEN, MRS. BOXER, MR. MADIGAN, MR. ZSCHAU, MR. BOEHLERT, MR. MCCANDLESS, MR. STUDDS, MR. FORSYTHE, MR. WEISS, MR. LEWIS OF FLORIDA, MR. BADHAM

Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

Hearings printed, No. 33.

Oct. 24, 1983.—Referred to the Subcommittee on Transportation, Aviation and Materials.
Oct. 27, 1983.—Subcommittee meeting (markup). Ordered resolution forwarded to the Full Committee without amendments.
Nov. 3, 1983.—Full Committee meeting (markup). Ordered resolution reported without amendments.
Nov. 8, 1983.—Report filed in the House (H.Rept. 98-510).
Nov. 14, 1983.—Passed House under Suspension of the Rules by a yea and nay vote of 402 to 0 (Cong. Record H9809–H9812;H9822).
Nov. 15, 1983.—Referred to the Senate Committee on Commerce, Science and Transportation.

H.Con.Res. 203 **Nov. 1, 1983**

MR. FUQUA

Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a National Storm Program.

Nov. 7, 1983.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

H.Con.Res. 217 **Nov. 15, 1983**

MR. FOWLER (FOR HIMSELF), MR. AKAKA, MR. FISH, MR. ROE, MS. MIKULSKI, MR. BROWN OF CALIFORNIA, MR. BARNES, MR. LEVINE OF CALIFORNIA, MR. WON PAT, MR. RICHARDSON, MR. FAZIO, MR. LEVIN OF MICHIGAN, MR. UDALL, MR. MRAZEK, MR. MATSUI, MR. MCGRATH, MR. SMITH OF FLORIDA, MR. EVANS OF ILLINOIS, MR. SKELTON, MR. KOLTER, MR. MARTINEZ

Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.

Nov. 22, 1983.—Referred to the Subcommittee on Space Science and Applications.

H.Con.Res. 218 **Nov. 15, 1983**

MR. FOWLER (FOR HIMSELF), MR. AKAKA, MR. FISH, MR. RICHARDSON, MR. FAZIO, MR. ROE, MS. MIKULSKI, MR. LEVIN OF MICHIGAN, MR. UDALL, MR. WON PAT, MR. BROWN OF CALIFORNIA, MR. BARNES, MR. LEVINE OF CALIFORNIA, MR. MRAZEK, MR. MATSUI, MR. MCGRATH, MR. SMITH OF FLORIDA, MR. EVANS OF ILLINOIS, MR. SKELTON, MR. KOLTER, MR. MARTINEZ

Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

Nov. 17, 1983.—Referred to the Subcommittee on Space Science and Applications.

H.Con.Res. 257 **Feb. 8, 1984**

MR. SENSENBRENNER (FOR HIMSELF) AND MR. WINN, MR. LAGOMARSINO, MR. GREGG, MR. RIDGE, MR. MCGRATH, MR. SKEEN, MR. CARNEY, MR. BLILEY, MR. CLINGER, MR. FISH, MR. NIELSON OF UTAH, MR. OWENS, AND MR. HARTNETT

To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

Feb. 21, 1984.—Referred to the Subcommittee on Science, Research and Technology.

H.Con.Res. 318 **June 6, 1984**

MR. STARK

Expressing the sense of Congress that the Department of Energy and American industry should work together in developing a national fusion program.

June 18, 1984.—Referred to Subcommittee on Energy Research and Production.

H.Con.Res. 360 **Sept. 18, 1984**

MR. LUJAN (FOR HIMSELF), MR. AKAKA, MRS. BOGGS, MR. VOLKMER, MR. CHANDLER, MR. SCHEUER, MR. TRAXLER, MR. JONES OF NORTH CAROLINA, MR. BEVILL, MR. FOWLER, MR. BATEMAN, MR. BROWN OF CALIFORNIA, MR. LOWERY OF CALIFORNIA, MR. MATSUI, MR. BARNES, MR. HEFTEL OF HAWAII, MR. STOKES, MR. EVANS OF IOWA, MR. YOUNG OF ALASKA, MR. MCGRATH, MR. BOEHLERT, MR. SKEEN, MR. YOUNG OF MISSOURI, MR. UDALL, MR. LEVINE OF CALIFORNIA, MR. STUDDS, AND MR. GREGG

Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

(Jointly to the Committees on Science and Technology and Foreign Affairs)

Sep. 24, 1984.—Referred jointly to the Subcommittees on Space Science and Applications and Natural Resources, Agriculture Research and Environment.

H.Con.Res. 365 **Sept. 26, 1984**

MR. FUQUA (FOR HIMSELF), MR. SCHEUER, MR. BROWN OF CALIFORNIA, MR. WIRTH, MR. MCCURDY, MR. ANDREWS OF TEXAS, MR. MACKAY, MRS. SMITH OF NEBRASKA, MR. DOWNEY, MR. PEPPER, MR. ROE, MR. BEDELL, MR. MURTHA, MR. FASCELL, MR. MILLER OF CALIFORNIA, MR. SMITH OF FLORIDA, MR. MCNULTY, MR. PENNY, MR. GREGG, MR. AKAKA, MR. VENTO, MR. MARTINEZ, MR. LEVIN OF MICHIGAN, MR. ECKART, MR. ROSE, MR. NELSON OF FLORIDA, MR. GORE, MR. LUNDINE, MR. DE LUGO, AND MS. LLOYD

Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

Oct. 3, 1984.—Referred to the Subcommittee on Natural Resources, Agricultural Research and Environment.

SENATE BILLS AND RESOLUTIONS

S.Con.Res. 67 — **October 17, 1983**

Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

Oct. 7, 1983.—Passed Senate.
Oct. 17, 1983.—In House, referred to the Committee on Science and Technology.
Oct. 19, 1983.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

S.Con.Res. 109 — **May 2, 1984**

That it is the sense of the Congress that the Federal Government take immediate steps to support funding for a national STORM program under the leadership of the National Oceanic and Atmospheric Administration of the Department of Commerce, with reporting requirements on progress made in implementing the national STORM program.

Oct. 10, 1984.—Passed Senate.
Oct. 11, 1984.—In House, referred to Committee on Science and Technology.
Oct. 12, 1984.—Referred to the Subcommittee on Natural Resources, Agriculture Research and Environment.

S. 373 — **Feb. 1, 1983**

To provide comprehensive national policy dealing with national needs and objectives in the Arctic.

Similar to H.R. 2292.

Hearings printed, No. 56.

June 27, 1983.—Passed Senate.
June 29, 1983.—In House, referred to the Committee on Science and Technology.
July 12, 1983.—Referred to the Subcommittee on Science, Research and Technology.
Oct. 28, 1983.—Subcommittee meeting (markup). Ordered bill forwarded to the Full Committee with an amendment in the nature of a substitute.
Nov. 10, 1983.—Full Committee meeting (markup). Ordered bill reported, with an amendment in the nature of a substitute, amended; H.R. 4186 incorporated as Title II of S.373.
Feb. 1, 1984.—Report filed in the House (H.Rept. 98-593, part 1).
Feb. 1, 1984.—Sequentially referred to the Committees on Armed Services and Merchant Marine and Fisheries for a period ending not later than March 16, 1984.
Mar. 16, 1984.—Committee on Armed Services discharged from further consideration.
Mar. 16, 1984.—Committee on Merchant Marine and Fisheries filed report in the House (H.Rept. 98-593, part 2).
Mar. 28, 1984.—Committee on Rules hearing requested.
Apr. 9, 1984.—Committee on Rules hearing. Rule granted (one-and-one-half hours, open).
Apr. 24, 1984.—Passed the House by a yea-and-nay vote of 253 yeas to 1 nay, with an amendment in the nature of a substitute (Cong. Record H2954-H2967).
June 21, 1984.—Senate concurred in the amendments of the House to S.373, with amendments (Cong. Record S8031-S8032).
June 26, 1984.—House agreed to the Senate amendments to the House amendments, clearing the measure for the President (Cong. Record H6839).
July 26, 1984.—Presented to the President.
July 31, 1984.—Signed by the President. P.L. 98-373.

S. 809 **Mar. 15, 1983**

To authorize appropriations for activities under the Federal Fire Prevention and Control Act of 1974, and for other purposes.

Retained in Full Committee.

April 7, 1983.—Passed Senate.
April 11, 1983.—In House, referred to the Committee on Science and Technology.

See H.R. 2465.

S. 820 **Mar. 16, 1983**

To amend section 7 of the Earthquake Hazards Reduction Act of 1977 (42 U.S.C. 7706) to extend authorizations for appropriations, and for other purposes.

(Jointly to the Committees on Interior and Insular Affairs and Science and Technology)

Retained in Full Committee.

Supersedes H.R. 2465.

April 7, 1983.—Passed Senate.
April 11, 1983.—In House, referred jointly to the Committees on Interior and Insular Affairs, and Science and Technology.
Feb. 1, 1984.—Passed the House, amended, to contain the language of H.R. 2465, as passed, amended (Cong. Record H324–H335).
Mar. 8, 1984.—Senate concurred in the amendments of the House to S.820 (Cong. Record S2473–S2474).
Mar. 22, 1984.—Signed by the President. P.L. 98–241.

S. 821 **Mar. 16, 1983**

To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1984, and for other purposes.

Retained in Full Committee.

April 7, 1983.—Passed Senate.
April 11, 1983.—In House, referred to the Committee on Science and Technology.

See H.R. 2513.

S. 1286 **May 16, 1983**

To establish a program to conduct research and development for improved manufacturing technologies, and for other purposes.

Similar to H.R. 4415.

June 8, 1984.—Passed Senate with an amendment in the nature of a substitute.
June 12, 1984.—Referred in House to the Committee on Science and Technology.
June 14, 1984.—Referred to the Subcommittee on Science, Research and Technology.
July 25, 1984.—Subcommittee meeting (markup). Forwarded to the full committee with an amendment in the nature of a substitute.
Aug. 8, 1984.—Full committee meeting (markup).
Sep. 20, 1984.—Full committee meeting (markup). Ordered bill reported, as amended.
Sep. 21, 1984.—Provisions, as reported by the Committee on Science and Technology incorporated into H.R. 5172, as passed by the Senate.
Sep. 25, 1984.—Report filed in the House. H.Rept. 98–1078.

See H.R. 5172.

EXECUTIVE COMMUNICATIONS AND MESSAGES FROM THE PRESIDENT REFERRED TO THE COMMITTEE ON SCIENCE AND TECHNOLOGY

34 **Jan. 3, 1983**

Letter from the Chairman, Joint Commission on Guayule transmitting the second report of the Joint Commission for the years 1980 and 1981, pursuant to section 4(g) of Public Law 95-592.

183 **Jan. 25, 1983**

Letter from the Deputy Administrator, Environmental Protection Agency, transmitting the Agency's Science Advisory Board's comments on the annual 5-year plan for research, development, and demonstration, pursuant to section 5 of Public Law 94-475.

213 **Jan. 26, 1983**

Letter from the Secretary of Defense transmitting notice of the waiver of the staffing requirements and the monetary set-aside provisions in the Office of Research and Technology Applications, pursuant to section 11(b) (1) and (2) of Public Law 96-480.

214 **Jan. 26, 1983**

Letter from the Secretary of Energy transmitting the second annual report on activities under the Methane Transportation Research, Development and Demonstration Act of 1980, pursuant to section 9 of Public Law 96-512.

260 **Feb. 1, 1983**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice that NASA FY 1983 Space Flight Operations program will exceed amounts authorized, pursuant to section 104(2) of Public Law 97-324.

261 **Feb. 1, 1983**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice that the 1983 Planetary Exploration program will exceed amounts authorized, pursuant to section 104(2) of Public Law 97-342.

262 **Feb. 1, 1983**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice that NASA's FY 1983 Expendable Launch Vehicles program will exceed amounts authorized, pursuant to section 104(2) of Public Law 97-324.

289 **Feb. 7, 1983**

Letter from the General Counsel, Federal Emergency Management Agency, transmitting a draft of proposed legislation to authorize appropriations for activities under the Federal Fire Prevention and Control Act of 1974, and for other purposes.

306 **Feb. 8, 1983**

Letter from the Secretary of Education transmitting a draft of proposed legislation to increase the competence of American secondary students in science and mathematics by narrowing the gap between the current supply of qualified teachers of science and mathematics at the secondary level and the current need for such teachers, and for other purposes.

377 **Feb. 17, 1983**

Letter from the Secretary of Commerce transmitting draft of proposed legislation to authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985, and for other purposes.

378 **Feb. 17, 1983**

Letter from the Director, National Science Foundation, transmitting draft of proposed legislation entitled "National Science Foundation Authorization Act for Fiscal Years 1984 and 1985".

396 **Feb. 22, 1983**

Letter from the Administrator, Environmental Protection Agency, transmitting the Agency's annual 5-year plan for research, development, and demonstration, pursuant to section 5 of Public Law 94-475, together with the comments of the Science Advisory Board, pursuant to section 8(c) of Public Law 95-155.

397 **Feb. 22, 1983**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notification of waiver of the minimum funding and staffing requirements for technology transfer from NASA laboratories, pursuant to section 11(b) of Public Law 96-480.

401 **Feb. 22, 1983**

Letter from the Secretary of Energy transmitting the annual report for fiscal year 1982 on the West Valley Demonstration Project, pursuant to section 4 of Public Law 96-368.

10 **Feb. 2, 1983**

Message from the President of the United States transmitting the fourteenth annual report of the National Science Board entitled "University-Industry Research Relationships: Myths, Realities and Potentials".

449 **Mar. 1, 1983**

Letter from the Secretary of Energy transmitting the sixth annual report on activities under the Electric and Hybrid Vehicle Research, Development, and Demonstration Act of 1976, pursuant to section 14 of the act.

450 **Mar. 1, 1983**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting copy of proposed legislation to authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

452 **Mar. 1, 1983**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to amend the National Ocean Pollution Planning Act of 1978, as amended, to authorize appropriations to carry out the provisions of such Act for fiscal years 1983, 1984, and 1985.

453 **Mar. 1, 1983**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to amend section 204 of the Marine Protection. Research and Sanctuaries Act of 1972, as amended, to authorize appropriations to carry out the provisions of Title II of such Act for fiscal years 1983, 1984, and 1985.

483 **Mar. 3, 1983**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to amend "An Act to provide for the reporting of weather modification activities to the Federal Goverment", as amended, to authorize appropriations to carry out the provisions of such Act for fiscal years 1983, 1984, and 1985.

486 **Mar. 3, 1983**

Letter from the Assistant Secretary, Department of the Interior, transmitting a proposal to amend section 7 of the Earthquake Hazards Reduction Act of 1977 (42 U.S.C. 7706) to extend authorizations for appropriations, and for other purposes.

575 **Mar. 11, 1983**

Letter from the Acting General Counsel, Department of Energy, transmitting a draft of proposed legislation to authorize appropriations to the Department of Energy for civilian energy programs for fiscal year 1984 and fiscal year 1985, and for other purposes.

650 **Mar. 16, 1983**

Letter from the Secretary of Energy transmitting the tenth quarterly report on biomass energy and alcohol fuels, covering the period ended December 31, 1982, pursuant to section 218(a) of Public Law 96-294.

683 **Mar. 21, 1983**

Letter from the Secretary of Energy transmitting the sixth annual report on the comprehensive program and plan for energy education, extension, and information activities, pursuant to section 508 of Public Law 95-39 and section 404 of Public Law 96-294.

873 **Apr. 11, 1983**

Letter from the Comptroller General of the United States transmitting a report on the status of the Great Plains Coal Gasification Project; (GAO/RCED-83-112, April 8, 1983).

897 **Apr. 12, 1983**

Letter from the Assistant Secretary of Energy, Conservation and Renewable Energy, transmitting notice of a delay on the FY 1983 Annual Revision of the Ocean Thermal Energy Conversion Program Management Plan, pursuant to section 3(b) of Public Law 96-310.

903 **Apr. 12, 1983**

Letter from the Secretary of Energy transmitting a status report on the comprehensive management plan for nuclear safety research, development, and demonstration, pursuant to section 8 of Public Law 96-567.

914 **Apr. 13, 1983**

Letter from the Secretary of Commerce transmitting the eighth annual report on ocean dumping monitoring and research, pursuant to section 201 of Public Law 92-532.

941 **Apr. 18, 1983**

Letter from the Administrator, National Aeronautics and Space Administration transmitting notice that NASA's FY 1983 Space Applications program will exceed amounts authorized, pursuant to section 104(2) of Public Law 97-324.

993 **Apr. 25, 1983**

Letter from the Secretary of Commerce transmitting a report on the critical materials requirements of the United States aerospace industry, pursuant to section 55(c)(1) and (2) of Public Law 96-479.

1021 **Apr. 27, 1983**

Letter from the Acting Administrator, Environmental Protection Agency, transmitting a draft of proposed legislation to authorize appropriations for environmental research, development, and demonstration for fiscal years 1984 and 1985.

1050 **May 2, 1983**

Letter from the Secretary of Commerce transmitting the annual report on the activities of the National Climate Program for fiscal year 1981, pursuant to section 7 of Public Law 95-367.

1085 **May 5, 1983**

Letter from the Chairman, National Advisory Committee on Oceans and Warning Service, transmitting a special report on the nation's river flood forecasting and warning service.

1115 **May 10, 1983**

Letter from the Assistant Secretary of Energy for Conservation and Renewable Energy transmitting the seventh annual report from the Interagency Geothermal Coordinating Council on the activities and programs in geothermal energy, pursuant to section 302(a) of Public Law 93-410.

1133 **May 12, 1983**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice that the planned funding level for its Physics and Astronomy program is more than the amount authorized in NASA's FY 1983 authorization act, pursuant to section 104(a) of Public Law 97-324.

1141 **May 16, 1983**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to amend the National Climate Program Act, to authorize appropriations for the carrying out of the provisions of such Act, and for other purposes.

1182 **May 23, 1983**

Letter from the Secretary of Energy transmitting a report on the wind energy program management plan status, pursuant to section 4(c) of Public Law 96-345.

1288 **June 2, 1983**

Letter from the Director, National Science Foundation, transmitting the first annual report on the activities of the Committee on Equal Opportunities in Science and Technology, pursuant to section 36(f) of Public Law 96-516.

1293 **June 3, 1983**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notice of proposed construction of NASA research and development facilities exceeding $250,000, for Installation of Support Facilities, Site 1, Air Force Plant 42, Palmdale, California, pursuant to section 101(d) of Public Law 97-324.

54 **June 8, 1983**

Message from the President of the United States transmitting the annual report of the National Science Foundation for Fiscal Year 1982, pursuant to the National Science Foundation Act of 1950.

1328 **June 8, 1983**

Letter from the Secretary of Energy transmitting the eleventh quarterly report on biomass energy and alcohol fuels, pursuant to section 218(a) of Public Law 96-294.

1348 **June 13, 1983**

Letter from the Joint Chairmen of the Acid Precipitation Task Force transmitting the annual report of the National Acid Precipitation Assessment Program for fiscal year 1982, pursuant to section 704(e) of Public Law 96-294.

1468 **June 29, 1983**

Letter from the Secretary of Energy transmitting the First Annual Revised Program Management Plan for Ocean Thermal Energy Conversion Systems, pursuant to section 3(b) of Public Law 96-310.

66 **July 11, 1983**

Message from the President of the United States transmitting the 1982 annual report on the United States Government's international activities in the field of science and technology, pursuant to Title V of Public Law 95-426.

1585 **July 20, 1983**

Letter from the Director, Federal Emergency Management Agency, transmitting a comprehensive emergency management report, including the Agency's 1982 activities, pursuant to sundry provisions of public law.

1627 **July 26, 1983**

Letter from the Administrator, U.S. Environmental Protection Agency, transmitting a draft of proposed legislation for three additional Presidentially appointed and Senate confirmed Assistant Administrators for the Environmental Protection Agency.

1672 **Aug. 3, 1983**

Letter from the Secretary of Energy transmitting the alternative funding plan for completing the Clinch River Breeder Reactor Plant Project recommended by the Administration for consideration and action by Congress, pursuant to the conference report (97-980) accompanying the Further Continuing Appropriations Act for fiscal year 1983 (Public Law 97-377).

1800 **Sept. 12, 1983**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting notification of the proposed transfer of research and development funds to the Construction of Facilities program for the construction of a Solid Rocket Booster Assembly and Refurbishment Facility, pursuant to section 103 of Public Law 97-324.

1911 **Sept. 26, 1983**

Letter from the Secretary of Energy transmitting the twelfth quarterly report on Biomass Energy and Alcohol Fuels pursuant to section 218(a) of Public Law 96-294.

1916 **Sept. 28, 1983**

Letter from the Secretary of Energy transmitting the comprehensive technology application and market development plan for ocean thermal energy, pursuant to section 6(b) of Public Law 96-310.

EXECUTIVE COMMUNICATIONS

1918 **Sept. 28, 1983**

Letter from the Comptroller General of the United States transmitting a report on the Federal Government, private sector, and foreign competitor involvement in ocean mining (GAO/NSIAD-83-41; September 6, 1983).

80 **Oct. 3, 1983**

Message from the President of the United States transmitting the fifth Annual Science and Technology Report, pursuant to section 209(a) of Public Law 94-282.

84 **Oct. 17, 1983**

Message from the President of the United States transmitting the 1982 Annual Report on U.S. Aeronautics and Space Activities, pursuant to section 206(b) of Public Law 85-586.

2035 **Oct. 20, 1983**

Letter from the Secretary of Energy transmitting the Fifth Annual Report on the Automotive Technology Development Program for Fiscal Year 1983, pursuant to section 310(a) of Public Law 95-238.

2054 **Oct. 26, 1983**

Letter from the Secretary of Commerce transmitting the Annual Report on the Activities of the National Climate Program for Fiscal Year 1982, pursuant to section 202(b) of Public Law 97-375.

2058 **Oct. 27, 1983**

Letter from the Secretary of Energy transmitting the Fifth Annual Report of the Department's Activities, pursuant to section 657 of Public Law 95-91.

2066 **Oct. 28, 1983**

Letter from the Secretary of Agriculture and the Secretary of Energy transmitting a comprehensive Biomass Energy Production and Use Plan for the 1983-90 period, prepared jointly by their respective Departments, pursuant to sections 211(a) and (b) of Public Law 96-294.

2082 **Nov. 1, 1983**

Letter from the Director, National Science Foundation, transmitting a copy of the Five-Year Outlook on Science and Technology: 1982, the third in that series prepared by the Committee on Science, Engineering and Public Policy of the National Academy of Sciences, the National Academy of Engineering, and the Institute of Medicine.

85 **Nov. 7, 1983**

Message from the President of the United States transmitting the Fifth Annual Report of of the Department of Energy.

2426 **Jan. 23, 1984**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting a report on a planned funding level for the Physics and Astronomy Program in excess on the amount appropriated, pursuant to Public Law 98-52, section 104.

2427 **Jan. 23, 1984**

Letter from the the Administrator, National Aeronautics and Space Administration, transmitting a report on expenditures exceeding authorizations for the Space Transportation Capability Development, pursuant to Public Law 98-52, section 104.

2428 **Jan. 23, 1984**

Letter from the Director, National Science Foundation, transmitting the Foundation's annual report for federal support funds to nonprofit institutions for research, fiscal year 1981, pursuant to the Act of May 10, 1950, chapter 171, section 3(a)(7) (82 Stat. 360).

2439 **Jan. 23, 1984**

Letter from the Acting Assistant Secretary of Agriculture for Conservation and Renewable Energy transmitting the quarterly report on biomass energy development for the period July 1 to September 30, 1983, pursuant to Public Law 96-294, section 218(a).

2478 **Jan. 24, 1984**

Letter from the Administrator of NASA transmitting waivers of minimum funding and staffing requirements for technology transfer from Federal laboratories, pursuant to Public Law 96-480, section 11(b).

105 **Jan. 26, 1984**

Message from the President of the United States transmitting the 15th report of the National Science Board, entitled "Science Indicators—1982", pursuant to May 10, 1950, chapter 171, section 4(j) (91 Stat. 835).

2536 **Jan. 30, 1984**

Letter from the Secretary of Energy transmitting the seventh annual report of the activities under the Electric and Hybrid Vehicle Research, Development, and Demonstration Act of 1976, pursuant to Public Law 94-413, section 14 (93 Stat. 1336).

2537 **Jan. 30, 1984**

Letter from the Secretary of Energy transmitting the third annual report of activities under the Methane Transportation Research, Development, and Demonstration Act of 1980, pursuant to Public Law 96-512, section 9.

2570 **Feb. 2, 1984**

Letter from the Secretary of Energy transmitting the second annual revised Program Management Plan for Ocean Thermal Energy Conversion Systems, pursuant to Public Law 96-310, section 3(d).

2580 **Feb. 6, 1984**

Letter from the Secretary of Energy transmitting a report on the status of the comprehensive management plan for nuclear safety research, development, and demonstration for 1983, pursuant to Public Law 96-567, section 8(c).

2599 **Feb. 7, 1984**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting a draft of proposed legislation to authorize appropriations to the National Aeronautics and Space Administration, for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.

2610 **Feb. 8, 1984**

Letter from the Assistant Administrator for Legislative Affairs, National Aeronautics and Space Administration transmitting technical corrections to a previously submitted draft of proposed legislation that dealt with NASA's FY 1985 authorization (EC2599).

2619 **Feb. 9, 1984**

Letter from the Secretary of Defense transmitting a report on waivers of minimum funding and staffing requirements for technology transfer from Federal laboratories, pursuant to Public Law 96-480, section 11(b).

118 **Feb. 21, 1984**

Message from the President of the United States transmitting the 1983 annual report on the United States Government's international activities in the fields of science and technology, pursuant to Public Law 95-426, section 503(b).

2674 **Feb. 21, 1984**

Letter from the Administrator, Environmental Protection Agency, transmitting a 5-year plan for environmental research, development and demonstration, together with comments of the Science Advisory Board, pursuant to Public Law 94-475, section 5; Public Law 95-155, sections 4, 8(c), 9(a), and 10.

2675 **Feb. 21, 1984**

Letter from the Director, National Science Foundation, transmitting a request for authorizing legislation for the fiscal years 1985 and 1986 for the National Science Foundation, pursuant to 31 U.S.C. 1110.

2676 **Feb. 21, 1984**

Letter from the Secretary of Commerce transmitting a request for authorizing legislation for fiscal year 1985 for the operation of the civil land remote sensing satellite system by the Department of Commerce, pursuant to 31 U.S.C. 1110.

2696 **Feb. 22, 1984**

Letter from the Secretary of Commerce transmitting the annual report on ocean pollution monitoring and research covering fiscal year 1982, pursuant to Public Law 92-532, section 202(c) (94 Stat. 2242); March 10, 1934, chapter 55, section 5 (60 Stat. 1080).

2720 **Feb. 27, 1984**

Letter from the Secretary of Commerce transmitting a report on the implementation of the Stevenson-Wydler Technology Innovation Act of 1980, pursuant to Public Law 96-480, section 5(d).

2742 **Feb. 28, 1984**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to amend the National Ocean Pollution Planning Act of 1978, as amended, to authorize appropriations to carry out the provisions of such Act for fiscal years 1985 and 1986.

2755 **Feb. 29, 1984**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to amend the National Weather Modification Policy Act of 1976, as amended, to authorize appropriations to carry out the provisions of such Act for fiscal years 1985 and 1986.

2830 **Mar. 7, 1984**

Letter from the Secretary of Energy transmitting the annual report on the high-level liquid nuclear waste management demonstration project at the Western New York Service Center, West Valley, New York, pursuant to Public Law 96-368, section 4.

2870 **Mar. 12, 1984**

Letter from the Administrator, Environmental Protection Agency, transmitting a draft of proposed legislation to authorize appropriations for environmental research, development, and demonstration for fiscal years 1985 and 1986, pursuant to 31 U.S.C. 1110.

2895 **Mar. 13, 1984**

Letter from the General Counsel, Department of Energy, transmitting a draft of proposed legislation to authorize appropriations to the Department of Energy for civilian energy programs for fiscal year 1985 and fiscal year 1986, and for other purposes, pursuant to 31 U.S.C. 1110.

2939 **Mar. 19, 1984**

Letter from the Acting Assistant Secretary for Conservation and Renewable Energy, Department of Energy, transmitting the Department's quarterly report on Biomass Energy and Alcohol Fuels for the period between October 1 and December 31, 1983, pursuant to Public Law 96-294, section 218(a).

3006 **Mar. 27, 1984**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to amend the National Climate Program Act to authorize appropriations for the carrying out of the provisions of such Act, and for other purposes, pursuant to 31 U.S.C. 1110.

3007 **Mar. 27, 1984**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1985 and 1986 and for other purposes, pursuant to 31 U.S.C. 1110.

3008 **Mar. 27, 1984**

Letter from the Secretary of Commerce transmitting a draft of proposed legislation to amend Title II of the Marine Protection, Research, and Sanctuaries Act of 1972, as amended, to authorize appropriations for such title for fiscal years 1985 and 1986, pursuant to 31 U.S.C. 1110.

3043 **Mar. 30, 1984**

Letter from the Acting Assistant Secretary for Conservation and Renewable Energy, Department of Energy, transmitting notification of a delay in submitting a report on the Department's comprehensive program management plan for wind energy systems, pursuant to Public Law 96-345, section 4(c).

3093 **Apr. 4, 1984**

Letter from the Acting Comptroller General of the United States transmitting the fifth report on the loan guarantee for an alternative fuels demonstration project awarded to Great Plains Gasification Associates (GAO/RCED-84-113; March 22, 1984).

3344 **May 14, 1984**

Letter from the Secretary of Energy transmitting the third annual revised comprehensive program management plan for Wind Energy Systems, pursuant to Public Law 96-345, section 4(c).

3370 **May 16, 1984**

Letter from the Acting Assistant Secretary for Conservation and Renewable Energy, Department of Energy, transmitting the eighth annual Interagency Geothermal Coordinating Council report for fiscal year 1983, pursuant to Public Law 93-410, section 302(a).

3373 **May 16, 1984**

Letter from the Secretary of Energy transmitting a copy of the seventh annual report on Federal Energy Education, Extension, and Information Activities, pursuant to Public Law 95-39, section 509(c) and Public Law 96-294, section 404.

149 **May 31, 1984**

Message from the President of the United States transmitting the annual report of the National Science Foundation for fiscal year 1983, pursuant to the Act of May 10, 1950, Chapter 171, section 3(f) (82 Stat. 360).

3596 **June 19, 1984**

Letter from the Joint Chairmen, Acid Precipitation Task Force, transmitting the 1983 annual report of the National Acid Precipitation Assessment Program, pursuant to Public Law 96-294, section 704(e).

3597 **June 19, 1984**

Letter from the Under Secretary of Energy transmitting the quarterly report on Biomass Energy and Alcohol Fuels for the period between January 1 and March 31, 1984, pursuant to Public Law 96-294, section 218(a).

3766 **July 23, 1984**

Letter from the Secretary of Commerce transmitting the annual report on the activities of the National Climate Program for fiscal year 1983, pursuant to Public Law 95-367, Section 7.

3767 **July 23, 1984**

Letter from the Secretary of Energy transmitting the annual revision to the Comprehensive Ocean Thermal Technology Application and Market Development Plan, pursuant to Public Law 96-310, Section 3(d).

3968 **Sept. 5, 1984**

Letter from the Under Secretary of Energy transmitting the quarterly report on biomass energy development, pursuant to Public Law 96-294, Section 218(a).

3984 **Sept. 6, 1984**

Letter from the Acting Director, National Science Foundation, transmitting a report on federal support to Universities, Colleges, and Selected Nonprofit Institutions, fiscal year 1982, pursuant to the Act of May 10, 1950, Chapter 171, Section 3(a)(7) (82 Stat. 360).

4009 **Sept. 11, 1984**

Letter from the Administrator, National Aeronautics and Space Administration, transmitting a report on the proposed disposal of land, without structures, at the Lyndon B. Johnson Space Center, pursuant to Public Law 85-568, Section 207 (87 Stat. 175).

4064 **Sept. 20, 1984**

Letter from the Acting Comptroller General of the United States transmitting a report entitled, "Status of the Great Plains Coal Gasification Project—May 31, 1984," (GAO/RCED-84-85, September 18, 1984).

170 **Sept. 24, 1984**

Message from the President of the United States transmitting a report of the Nation's progress in space and aeronautics during calendar year 1983, pursuant to Public Law 85-568, Section 206(b).

4120 **Oct. 4, 1984**

Letter from the Secretary of Commerce transmitting a report on research activities undertaken during fiscal years 1979 and 1980 on long-range effects of pollution, over-fishing, and man-induced changes of ocean ecosystems, pursuant to Public Law 92-532, Section 202(c) (94 Stat. 2242); March 10, 1934, chapter 55, Section 5 (60 Stat. 1080).

4121 **Oct. 4, 1984**

Letter from the Secretary of Commerce transmitting a report on research activities undertaken during fiscal year 1983 on the effects of dumping wastes into the ocean and the possible long-range effects of pollution and man-induced changes of ocean ecosystems, pursuant to Public Law 92-532, Sections 201 and 202.

PETITIONS AND MEMORIALS REFERRED TO THE COMMITTEE ON SCIENCE AND TECHNOLOGY

79 **Apr. 26, 1983**

Petition of Council of the County of Hawaii, Hawaii, relative to the funding for alternative energy projects.

111 **May 4, 1983**

Memorial of the Legislature of the State of Idaho, relative to the siting of a new production reactor.

146 **May 24, 1983**

Memorial of the Senate of the State of Tennessee relative to funding for the Clinch River breeder reactor. 1982, pursuant to the National Science Foundation Act of 1950.

120 **June 13, 1983**

Petition of The Town Board, Town of Boston, Erie County, New York, relative to the Great Lakes Environmental Research Laboratory and the Large Lakes Research Station, New York.

248 **Sept. 12, 1983**

Memorial of the Legislature of the State of California, relative to weather forecasting.

259 **Sept. 15, 1983**

Memorial of the Legislature of the State of California, relative to the National Weather Service.

274 **Sept. 28, 1983**

Memorial of the Legislature of the State of California, relative to the space station program.

266 **Nov. 3, 1983**

Petition of The Board of Directors, U.S. Metric Association, Northridge, California, relative to the completion of the metric transition.

348 **Apr. 25, 1984**

Petition of Suffolk County Legislature, Riverhead, New York, relative to Brookhaven National Laboratory Research Hospital.

469 **Sept. 6, 1984**

Memorial of the Legislature of the State of California, relative to the National Science Foundation.

414 **Sept. 25, 1984**

Petition of City Council of Boston, Massachusetts, relative to the first citizen observer in space.

495 **Oct. 3, 1984**

Memorial of the Legislature of the State of California, relative to supercomputer centers.

496 **Oct. 3, 1984**

Memorial of the Legislature of the State of California, relative to the National Weather Service.

LIST OF BILLS AND RESOLUTIONS REFERRED TO SUBCOMMITTEES

SUBCOMMITTEE ON ENERGY DEVELOPMENT AND APPLICATIONS

Bills

H.R. 20—Federal Oil and Gas Corporation

H.R. 320—Gasohol as an alternative energy source

H.R. 321—Wind energy research

H.R. 383—Recovery of energy from municipal wastes

H.R. 1595—Renewable energy and conservation programs

H.R. 1599—Renewable energy use

H.R. 4060—Synthetic Fuels Corporation

H.R. 4098—Prohibit awards of Synthetic Fuels Corporation

H.R. 4182—Coal Science

H.R. 4392—Magnetohydrodynamics

H.R. 5044—Coal Science

H.R. 5048—DOE Authorization (also NRARE, ERP and TAM Subcs.)

H.R. 5259—Congressional review (also ERP Subc.)

H.R. 5319—Congressional review (also ERP Subc.)

H.R. 5592—Clean coal production

H.R. 5593—Clean coal production

H.R. 5893—Limitations on Synthetic Fuels Corporation

Resolutions

SUBCOMMITTEE ON NATURAL RESOURCES, AGRICULTURE RESEARCH AND ENVIRONMENT

Bills

H.R. 1405—Causes and effects of acidic deposition

H.R. 1545—Amend National Climate Program Act

H.R. 1546—Amend National Ocean Pollution Planning Act

H.R. 1547—Amend Marine Protection, Research and Sanctuaries Act

H.R. 1958—Civil land remote sensing space satellite systems (also SSA Subc.)

H.R. 2245—Criteria for closing/consolidating weather stations

H.R. 2507—Commercialization of remote sensing satellites (also SSA Subc.)

H.R. 2733—Guayule R&D (also SRT Subc.)

H.R. 2800—Great Lakes protection

H.R. 3207—Severe storms research and operations

H.R. 3355—NOAA Organic Act

H.R. 3381—NOAA Organic Act

H.R. 4030—Land Remote Sensing Satellite (also SSA Subc.)

H.R. 4108—Enhanced water quality of Chesapeake and Narragansett Bays

H.R. 4192—Risk assessment (also SRT Subc.)

H.R. 4432—Establish Department of Commerce and Trade (also SRT Subc.)

H.R. 4655—Acid Rain

H.R. 4836—LANDSAT (also SSA Subc.)

H.R. 4862—Establish a Department of International Trade and Industry (also SRT Subc.)

H.R. 5048—DOE Authorization (also EDA, ERP and TAM Subcs.)

H.R. 5780—Amend NSF Organic Act (also SRT Subc.)

H.R. 5958—Environmental Monitoring

H.R. 6325—Great Lakes Preservation

Resolutions

H.Con.Res. 168—Transfer to private sector of civil meteorological satellite system

S.Con.Res. 67—Transfer to private sector of civil meteorological satellite system

H.Con.Res. 360—International Search and Rescue Satellite Program (Also SSA Subc.)

H.Con.Res. 365—Funding for a National STORM program

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SUBCOMMITTEE ON ENERGY RESEARCH AND PRODUCTION

Bills

H.R. 2210—Uranium Enrichment Fund Act of 1983

H.R. 2455—CRBR R&D Authorization

H.R. 3032—CRBR

H.R. 3786—Energy and science related grants

H.R. 5048—DOE Authorization (also EDA, NRARE and TAM Subcs.)

H.R. 5259—Congressional review (also EDA Subc.)

H.R. 5319—Congressional review (also EDA Subc.)

H.R. 5369—DOE Authorization

Resolutions

H.Con.Res. 318—National fusion program

SUBCOMMITTEE ON SCIENCE, RESEARCH AND TECHNOLOGY

Bills

H.R. 480—Information science and technology policy

H.R. 481—National technology foundation

H.R. 495—Mineral conservation R&D (also TAM Subc.)

H.R. 530—Amend Metric Conversion Act

H.R. 582—National policy for engineering, technical and scientific personnel

H.R. 674—Repeal Metric Conversion Act

H.R. 1243—Economically strategic technologies

H.R. 1745—Repeal Metric Conversion Act

H.R. 1952—Joint R&D Ventures Act

H.R. 1996—National Bureau of Standards FY 1984 Authorization

H.R. 2066—National Science Foundation FY 1984 Authorization

H.R. 2292—Arctic R&D Policy

H.R. 2365—Anti-Arson Act

H.R. 2414—Federal Fire Prevention and Control Act

H.R. 2415—Earthquake Hazards Reduction Act

H.R. 2483—NDEA Act of 1983

H.R. 2525—Technological innovation and industrial modernization

H.R. 2633—Animals in Research

H.R. 2656—Science and technology faculty exchange and institutional development

H.R. 2733—Guayule R&D (also NRARE Subc.)

H.R. 2907—U.S. Design Council

H.R. 3334—High Technology Morrill Act

H.R. 3393—Joint R&D Ventures Act

H.R. 3681—Increase international competitiveness of U.S. Industries

H.R. 3750—Promote computer literacy in school systems

H.R. 3781—Antiarson programs

H.R. 3840—Risk Assessment

H.R. 3976—Risk Assessment

H.R. 4043—Joint R&D ventures

H.R. 4047—Robotics

H.R. 4192—Risk assessment (also NRARE Subc.)

H.R. 4245—National Professions and Technology Foundation

H.R. 4361—Advanced Technology Foundation

H.R. 4415—R&D for improved manufacturing technologies

H.R. 4432—Establish Department of Commerce and Trade (also NRARE Subc.)

H.R. 4490—Metric evaluation

H.R. 4628—Establish National Educational Software Corporation

H.R. 4684—Establish National Nutrition Monitoring and Related Research Program

H.R. 4822—Amend NSF Organic Act

H.R. 4862—Establish Department of International Trade and Industry (also NRARE Subc.)

H.R. 4974—NSF Authorization

H.R. 5003—Patent policy

H.R. 5101—NBS Authorization

H.R. 5780—Amend NSF Organic Act (also NRARE Subc.)

S.1286—Improved manufacturing technologies

H.R. 6140—Technological solutions to problems in the steel industry

H.R. 6407—Value Engineering Council Act of 1984

Resolutions

H.Con.Res. 257—Peer review

SUBCOMMITTEE ON TRANSPORTATION, AVIATION AND MATERIALS

Bills

H.R. 495—Mineral conservation R&D (also SRT Subc.)

H.R. 1954—National Aeronautics and Space Administration FY 1984 Authorization (also SSA Subc.)

H.R. 3717—National minerals and materials policy

H.R. 3794—Collision avoidance system

H.R. 4186—National Critical Materials Council

H.R. 4797—NASA Authorization (also SSA Subc.)

H.R. 5048—DOE Authorization (also EDA, NRARE and ERP Subcs.)

H.R. 5333—Congressional review (also SSA Subc.)

Resolutions

H.Con.Res. 190—Global Positioning System

SUBCOMMITTEE ON SPACE SCIENCE AND APPLICATIONS

Bills

H.R. 322—Solar power satellite R&D

H.R. 323—Spinoffs from space technology

H.R. 478—National space policy

H.R. 1011—Commercial development of space

H.R. 1954—National Aeronautics and Space Administration FY 1984 Authorization (also TAM Subc.)

H.R. 1958—Civil land remote sensing space satellite systems (also NRARE Subc.)

H.R. 2507—Commercialization of remote sensing satellites (also NRARE Subc.)

H.R. 3073—Protection of people from nuclear war

H.R. 3942—Commercialization of expendable launch vehicles

H.R. 4030—Land remote sensing satellites (also NRARE Subc.)

H.R. 4797—NASA Authorization (also TAM Subc.)

H.R. 4836—LANDSAT (also NRARE Subc.)

H.R. 5333—Congressional review (also TAM Subc.)

Resolutions

H.Con.Res. 217—Recommendations of Solar System Exploration Committee

H.Con.Res. 218—Recommendations of Astronomy Survey Committee

H.Con.Res. 360—International Search and Rescue Satellite Program (Also NRARE Subc.)

LIST OF BILLS AND RESOLUTIONS NOT REFERRED TO SUBCOMMITTEES

FULL COMMITTEE

Bills

H.R. 1310—Emergency mathematics and science education

H.R. 1699—Emergency mathematics and science education

H.R. 2065—National Aeronautics and Space Administration FY 1984 Authorization

H.R. 2465—Earthquake Hazards Reduction and Fire Prevention and Control Acts

S.809—Fire Prevention and Control Act

S.820—Earthquake Hazards Reduction Act

S.821—National Bureau of Standards (NBS) FY 1984 Authorization

H.R. 2513—NBS FY 1984 Authorization

H.R. 2514—Technical Information Clearinghouse Fund Act

H.R. 2587—Department of Energy (DOE) Civilian R&D

H.R. 2899—Environmental Protection Agency (EPA) FY 1984 Authorization

H.R. 2900—National Oceanic and Atmospheric Administration (NOAA) FY 1984 Authorization

H.R. 3597—NOAA FYs 1984 and 1985 Authorization

H.R. 5154—National Aeronautics and Space Administration (NASA) Authorization for FY 1985

H.R. 5155—LANDSAT

H.R.5172—National Bureau of Standards (NBS) Authorization for FY's 1984 and 1985

H.R. 5244—Department of Energy (DOE) Civilian R&D Authorization for FY's 1985, 1986 and 1987

H.R. 5245—DOE Civilian Energy Authorization for FY's 1985, 1986 and 1987

Resolutions

CHRONOLOGICAL LIST OF MEETINGS OF THE FULL COMMITTEE

FIRST SESSION

DATE	SUBJECT
Jan. 27, 1983	Organizational Meeting Democratic Members
Feb. 1, 1983	Democratic Caucus
Feb. 2, 1983	Full Committee Organizational Meeting
Feb. 3, 1983	Posture Hearing—Office of Science and Technology Policy
Feb. 3, 1983	Posture Hearing—National Aeronautics and Space Administration
Feb. 8, 1983	Posture Hearing—Department of Energy
Feb. 9, 1983	Hearing—H.R. 1310, the Emergency Mathematics and Science Education Act and National Engineering and Science Personnel Act of 1983
Feb. 16, 1983	Hearing—H.R. 1310, the Emergency Mathematics and Science Education Act and National Engineering and Science Personnel Act of 1983
Feb. 22, 1983	Markup—H.R. 1310, the Emergency Mathematics and Science Education Act and National Engineering and Science Personnel Act of 1983
Feb. 23, 1983	Hearing—Views on Science Policy of the American Nobel Laureates of 1982
Feb. 23, 1983	Posture Hearing—the National Science Foundation
Mar. 1, 1983	Posture Hearing—the National Oceanic and Atmospheric Administration
April 12, 1983	Markup—H.R. 2065, the National Aeronautics and Space Administration FY 1984 Authorization and H.R. 2066, the National Science Foundation FY 1984 Authorization
April 13, 1983	Markup—H.R. 2066, the National Science Foundation FY 1984 Authorization; H.R. 1996, the Nationa Bureau of Standards FY 1984 Authorization; and H.R. 2465, to authorize appropriations for the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 for FY 1984 and 1985
April 19, 1983	Markup—H.R. 2066, the National Science Foundation FY 1984 Authorization; H.R. 2513, the National Bureau of Standards FY 1984 Authorization; H.R. 2514, the Technical Information Clearinghouse Fund Act of 1983; and H.R. 2465, to authorize appropriations for the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 for FY 1984 and 1985
April 21, 1983	Markup—H.R. 2587, the Department of Energy FY 1984 Authorization and Consideration of Two Subcommittee on Investigations and Oversight Reports Entitled: "A Review of the Scientific Basis of the Environmental Protection Agency's Carcinogenic Risk Assessment on Formaldehyde" and "A Review of the Scientific and Technological Issues in the Regulation of Cotton Dust in the Primary Cotton Textile Industry"

CHRONOLOGICAL LIST OF MEETINGS OF THE FULL COMMITTEE

DATE	SUBJECT
April 26, 1983	Markup—H.R. 2587, the Department of Energy FY 1984 Authorization and Consideration of Two Subcommittee on Investigations and Oversight Reports Entitled: "A Review of the Scientific Basis of the Environmental Protection Agency's Carcinogenic Risk Assessment on Formaldehyde" and "A Review of the Scientific and Technological Issues in the Regulation of Cotton Dust in the Primary Cotton Textile Industry"
April 27, 1983	Markup—H.R. 2587, the Department of Energy FY 1984 Authorization and Consideration of Two Subcommittee on Investigations and Oversight Reports Entitled: "A Review of the Scientific Basis of the Environmental Protection Agency's Carcinogenic Risk Assessment on Formaldehyde" and "A Review of the Scientific and Technological Issues in the Regulation of Cotton Dust in the Primary Cotton Textile Industry"
May 10, 1983	Markup—H.R. 2733, the Critical Agricultural Materials Act; H.R. 2899, the Environmental Research, Development, and Demonstration Act of 1984; and H.R. 2900, the Atmospheric, Climatic, and Ocean Pollution Act 1983; and Consideration of Two Subcommittee on Investigations and Oversight Reports Entitled: "A Review of the Scientific Basis of the Environmental Protection Agency's Carcinogenic Risk Assessment on Formaldehyde" and "A Review of the Scientific and Technological Issues in the Regulation of Cotton Dust in the Primary Cotton Textile Industry"
June 23, 1983	Meeting to Discuss the Request by Minority Members for an Inquiry into the Altered EPA Hearing Transcripts
July 19, 1983	The Results of the Flight of STS–7
July 26, 1983	Business Meeting to Discuss An Amendment to the Committee on Science and Technology Rules Governing Procedure for the 98th Congress Regarding the Publication of Hearings and to Consider for Full Committee Approval the Subcommittee on Investigations and Oversight Report entitled: "The Consequences of Nuclear War on the Global Environment"
Sep. 27, 1983	The Results of the Flight of STS–8
Nov. 2, 1983	Markup—H.R. 4043, the Research and Development Joint Venture Act of 1983
Nov. 3, 1983	Markup—H.R. 4043, the Research and Development Joint Venture Act of 1983; H.Con.Res. 168, a resolution concerning the transfer of the civil meteorological satellite systems to the private sector; H.Con.Res. 190, a resolution to establish a global positioning system; and consideration of the report of the Subcommittees on Energy Research and Production and Investigations and Oversight entitled: "The Impact of Mercury Releases and Other Pollutants at the Department of Energy Oak Ridge Complex at Oak Ridge, Tennessee"
Nov. 10, 1983	Markup—H.R. 4186, the Critical Materials Act of 1983 and S.373, the Arctic Research and Policy Act of 1983
Nov. 15, 1983	Supercomputers
Nov. 16, 1983	Supercomputers

SECOND SESSION

Jan. 24, 1984	Hearing—The Five Year Outlook Report on Science and Technology
Feb. 1, 1984	Posture Hearing—The FY 1985 Federal R&D Budget
Mar. 8, 1984	Hearing—Views on Science Policy of the Nobel Laureates of 1983; Consideration of Subcommittee on Investigations and Oversight Report Titled: "Structural Failures in Public Facilities"

CHRONOLOGICAL LIST OF MEETINGS OF THE FULL COMMITTEE

DATE	SUBJECT
Mar. 14, 1984	Posture Hearing—Environmental Protection Agency Office of Research and Development
Mar. 20, 1984	Markup—H.R. 5154, the National Aeronautics and Space Administration Authorization for FY 1985
Mar. 21, 1984	Hearing—The Engineering Amendment to the National Science Foundation Organic Act
Mar. 22, 1984	Markup—H.R. 5172, the National Bureau of Standards Authorization Act for Fiscal Years 1984 and 1985, and H.R. 4974, the National Science Foundation Authorization Act for Fiscal Years 1985 and 1986
Mar. 27, 1984	Markup—H.R. 5172, the National Bureau of Standards Authorization Act for Fiscal Years 1984 and 1985, H.R. 5155, the Land Remote-Sensing Commercialization Act of 1984, H.R. 5244, the Department of Energy Civilian R&D Authorization for FY's 1985, 1986 and 1987, and H.R. 5245, the Department of Energy Civilian Energy Programs Authorization for FY's 1985, 1986 and 1987
April 3, 1984	Markup—H.R. 5244, the Department of Energy Civilian R&D Authoriztion for FY's 1985, 1986 and 1987 and H.R. 5245, the Department of Energy Civilian Energy Programs Authorization for FY's 1985, 1986 and 1987
May 8, 1984	Hearing—Improving the Research Infrastructure at U.S. Universities and Colleges
May 10, 1984	Markup—H.R. 3942, the Commercial Space Launch Act
May 15, 1984	Hearing—The Results of the Flight of STS–41–C
May 23, 1984	Markup—H.R. 3942, the Commercial Space Launch Act
Aug. 8, 1984	Markup—H.R. 3750, the Computer Literacy Act of 1983; H.R. 4684, the National Nutrition Monitoring and Related Research Act of 1984; H.R. 5003, the Uniform Science and Technology Research and Development Utilization Act; H.R. 4628, the National Educational Software Corporation Act of 1984; and S.1286, the Manufacturing Sciences and Technology Research and Development Act of 1983
Sep. 20, 1984	Markup—H.R. 4684, the National Nutrition Monitoring and Related Research Act and S.1286, the Manufacturing Sciences Research and Development Act
Sep. 25, 1984	Hearing—The Results of the Flight of Space Shuttle Flight 41-D

MEETINGS OF SUBCOMMITTEES

SUBCOMMITTEE ON ENERGY DEVELOPMENT AND APPLICATIONS

FIRST SESSION

DATE	SUBJECT	FULL COMMITTEE MEETING
Feb. 24, 1983	Department of Energy (DOE) FY 1984 Authorization: Basic Research Programs.	
Mar. 2, 1983	DOE FY 1984 Authorization: Basic Research Programs	
Mar. 3, 1983	DOE FY 1984 Authorization: Basic Research Programs	
Mar. 8, 1983	DOE FY 1984 Authorization: Conservation, Renewable and Fossil Energy Programs.	
Mar. 9, 1983	DOE FY 1984 Authorization: Conservation and Renewable Energy Programs.	
Mar. 10, 1983	DOE FY 1984 Authorization: Conservation and Renewable Energy Programs.	
Mar. 14, 1983	DOE FY 1984 Authorization: Departmental Administration (Jointly with ERP Subcommittee).	
Mar. 15, 1983	DOE FY 1984 Authorization: Conservation and Renewable Energy Programs.	
Mar. 16, 1984	DOE FY 1984 Authorization: Fossil Energy Programs	
Mar. 17, 1983	DOE FY 1984 Authorization: Fossil Energy Programs	
Mar. 23, 1983	Markup—DOE FY 1984 Authorization	Apr. 27, 1983
Apr. 15, 1983	Field Hearing—Rural Development and Energy (Marianna, FL).	
June 14, 1983	Computers and Their Role in Energy Research: Current Status and Future Needs (Jointly with ERP Subcommittee).	
June 15, 1983	Computers and Their Role in Energy Research: Current Status and Future Needs (Jointly with ERP Subcommittee).	
June 22, 1983	Lower Oil Prices and Their Implications for Energy R&D Policy (Jointly with ERP Subcommittee).	
July 12, 1983	Tax Incentives for New Energy Technologies	
July 21, 1983	Tax Incentives for New Energy Technologies	
Aug. 2, 1983	Indoor Air Quality Research: Current Status and Future Needs (Jointly with NRARE Subcommittee).	

SUBCOMMITTEE ON ENERGY DEVELOPMENT AND APPLICATIONS

DATE	SUBJECT	FULL COMMITTEE MEETING
Aug 3, 1983	Indoor Air Quality Research: Current Status and Future Needs (Jointly with NRARE Subcommittee).	
Sep. 13, 1983	Acid Rain: Implications for Fossil Energy R&D (Jointly with NRARE Subcommittee).	
Sep. 20, 1983	Acid Rain: Implications for Fossil Energy R&D (Jointly with NRARE Subcommittee).	
Oct. 19, 1983	High Energy Physics Facilities	
	SECOND SESSION	
Feb. 22, 1984	DOE FY 1985 Budget Request for High Energy and Nuclear Physics.	
Feb 23, 1984	DOE FY 1985 Authorization for Supporting Research and Technical Analysis.	
Feb. 28, 1984	DOE FY 1985 Authorization for Conservation and Renewable Energy.	
Feb. 29, 1984	DOE FY 1985 Authorization for Conservation and Solar Energy.	
Mar. 1, 1984	DOE FY 1985 Authorization for Conservation and Renewable Energy.	
Mar. 6, 1984	DOE FY 1985 Authorization for Fossil Energy	
Mar. 7, 1984	DOE FY 1985 Authorization for Fossil Energy	
Mar. 8, 1984	DOE FY 1985 Authorization for Fossil Energy	
Mar. 13, 1984	DOE's FY 1985 Budget Request for Departmental Administration, Supporting Services, and the DOE's Proposed Management Initiatives (Jointly with ERP Subcommittee).	
Mar. 15, 1984	Markup—DOE FY 1985 Authorization	Apr. 3, 1984
June 6, 1984	The Status of the U.S. Synthetic Fuels Corporation	
June 7, 1984	Cost-Shared Energy Technology Facilities and Projects	
June 13, 1984	Cost-Shared Energy Technology Facilities and Projects	
Sep. 11, 1984	The State of the U.S. Photovoltaics Industry	
Sep. 19, 1984	The State of the U.S. Photovoltaics Industry	
Sep. 25, 1984	Conversion of Research and Test Reactors to Low-Enriched Uranium (LEU) Fuel (Jointly with ERP Subcommittee).	

SUBCOMMITTEE ON NATURAL RESOURCES, AGRICULTURE RESEARCH AND ENVIRONMENT

FIRST SESSION

DATE	SUBJECT	FULL COMMITTEE MEETING
Mar. 3, 1983	Department of Energy (DOE) FY 1984 Authorization—Environmental R&D: The Link Between the Environment and Cancer.	
Mar. 3, 1983	Subcommittee Meeting (Closed)	
Mar. 9, 1983	National Oceanic and Atmospheric Administration (NOAA) FY 1984 Authorization.	
Mar. 10, 1983	Environmental Protection Agency (EPA) FY 1984 R&D Authorization.	
Mar. 23, 1983	Dioxin Contamination in Michigan	
Mar. 31, 1983	Field Hearing—Agriculture Weather Services (West Palm Beach, FL).	
Apr. 5, 1983	Man and the Biosphere Program	
Apr. 14, 1983	Commercialization of Remote Sensing Satellites (Jointly with SSA Subcommittee).	
Apr. 19, 1983	DOE FY 1984 Authorization (Environmental Programs)	
Apr. 20, 1983	Markup—DOE FY 1984 Authorization (Environmental Programs).	Apr. 27, 1983
Apr. 20, 1983	Executive Session (Closed)	
Apr. 22, 1983	Field Hearing—Hazardous Waste Research and the Stringfellow Acid Pits (Glen Avon, CA).	
Apr. 27, 1983	EPA FY 1984 Authorization	
May 3, 1983	Markup—NOAA FY 1984 Authorization and EPA FY 1984 Authorization.	May 10, 1983
May 16, 1983	Field Hearing—Hazardous Waste Management (Tallahassee, FL).	
May 19, 1983	National Environmental Monitoring Improvement Act	
May 26, 1983	National Environmental Monitoring Improvement Act	
June 2, 1983	National Environmental Monitoring Improvement Act	
June 3, 1983	Field Meeting—Hazardous Waste Sites in Bergen City, New Jersey (Hackensack, NJ).	
June 21, 1983	Commercialization of Remote Sensing Satellites (Jointly with SSA Subcommittee).	

SUBCOMMITTEE ON NATURAL RESOURCES AND ENVIRONMENT

DATE	SUBJECT	FULL COMMITTEE MEETING
June 28, 1983	Commercialization of Remote Sensing Satellites (Jointly with SSA Subcommittee).	
June 30, 1983	Dioxin—The Impact on Human Health	
July 13, 1983	Dioxin—The Impact on Human Health	
July 14, 1983	Commercialization of Remote Sensing Satellites (Jointly with SSA Subcommittee).	
July 21, 1983	Commercialization of Remote Sensing Satellites (Jointly with SSA Subcommittee).	
July 28, 1983	Dioxin—The Impact on Human Health	
July 30, 1983	Field Meeting—The Furley Hazardous Waste Landfill (Wichita, KS).	
Aug. 2, 1983	Indoor Air Quality—Current Status and Future Needs (Jointly with EDA Subcommittee).	
Aug. 3, 1983	Indoor Air Quality—Current Status and Future Needs (Jointly with EDA Subcommittee).	
Sep. 13, 1983	Acid Rain—Implications for Fossil Energy R&D (Jointly with EDA Subcommittee).	
Sep. 20, 1983	Acid Rain—Implications for Fossil Energy R&D (Jointly with EDA Subcommittee).	
Sep. 23, 1983	Field Hearing—Hurricane Alicia—Predictions and Aftermath (Houston, TX).	
Oct. 20, 1983	Markup—H.Con.Res. 168, a resolution concerning the transfer of civil meteorological satellite systems to the private sector.	Nov. 3, 1983
Oct. 25, 1983	Agriculture and Water Use: Present and Future Issues	
Nov. 8, 1983	Land Remote Sensing Legislation (Jointly with SSA Subcommittee).	
Nov. 9, 1983	Land Remote Sensing Legislation (Jointly with SSA Subcommittee).	

SECOND SESSION

Feb. 28, 1984	Carbon Dioxide and the Greenhouse Effect (Jointly with I&O Subcommittee).	
Mar. 6, 1984	H.R. 4836, the Land Remote-Sensing Commercialization Act of 1984 (Jointly with SSA Subcommittee).	
Mar. 6, 1984	DOE FY 1985 Authorization: Cancer and Health Related Research.	
Mar. 8, 1984	Impact on U.S. Scientific Research of Proposal to Withdraw from UNESCO.	
Mar. 13, 1984	DOE FY 1985 Authorization for Environmental Programs	

SUBCOMMITTEE ON NATURAL RESOURCES AND ENVIRONMENT

DATE	SUBJECT	FULL COMMITTEE MEETING
Mar. 15, 1984	Impact on U.S. Scientific Research of Proposal to Withdraw from UNESCO (Jointly with SRT Subcommittee).	
Mar. 15, 1984	Markup—DOE FY 1985 Authorization for Environmental Programs and H.R. 4836, the Land Remote-Sensing Commercialization Act of 1984.	Mar. 27, 1984 (LANDSAT) Apr. 3, 1984 (DOE)
Mar. 28, 1984	National Environmental Monitoring Improvement Act of 1984.	
May 17, 1984	H.R. 4192, the Risk Assessment Research and Demonstration Act of 1983.	
June 5, 1984	H.R. 4192, the Risk Assessment Research and Demonstration Act of 1983.	
June 27, 1984	Agricultural Weather Services (Jointly with the Committee on Agriculture, Subcommittee on Department Operations, Research and Foreign Agriculture).	
June 28, 1984	Agriculture Weather Services (Jointly with the Committee on Agriculture, Subcommittee on Department Operations, Research and Foreign Agriculture).	
Aug. 9, 1984	Hurricane Storm Surge Research	
Sep. 12, 1984	Climatic, Biological and Strategic Effects of Nuclear War	
Sep. 18, 1984	U.S./Soviet Satellite Accord: SARSAT/COSPAS Search-and-Rescue Program.	
Sep. 19, 1984	Tropical Forest Development Project: Status of Environmental and Agricultural Research.	
Oct. 18, 1984	Field Briefing—Tornado Prediction and Preparedness in the Carolinas During the Severe Weather of March 28, 1984 (Rocky Mount, NC).	

SUBCOMMITTEE ON ENERGY RESEARCH AND PRODUCTION

FIRST SESSION

DATE	SUBJECT	FULL COMMITTEE MEETING
Feb. 22, 1983	Department of Energy (DOE) FY 1984 Budget Request—Nuclear Fission Overview: the Breeder Reactor Program and Nuclear Fuel Cycle R&D Program.	
Feb. 23, 1983	DOE FY 1984 Budget Request for the Breeder Reactor Program.	
Feb. 24, 1983	DOE FY 1984 Budget Request for the Nuclear Waste Management Program.	
Mar. 2, 1983	DOE FY 1984 Budget Request for the Nuclear Waste Management Program and the Nuclear Fuel Cycle R&D Program.	
Mar. 8, 1983	DOE FY 1984 Budget Request for Advanced Nuclear Systems (Space Power Systems).	
Mar. 9, 1983	DOE FY 1984 Budget Request for Converter Reactor Systems and West Valley.	
Mar. 10, 1983	DOE FY 1984 Budget Request for Uranium Enrichment Activities.	
Mar. 14, 1983	DOE FY 1984 Budget Request: Departmental Administration (Jointly with EDA Subcommittee).	
Mar. 16, 1983	DOE FY 1984 Budget Request for the Magnetic Fusion Energy Programs.	
Mar. 17, 1983	DOE FY 1984 Budget Request for Electric Energy Systems, Energy Storage Systems and Small-Scale Hydroelectric Systems Programs.	
Mar. 17, 1983	DOE FY 1984 Budget Request for the Magnetic Fusion Energy Programs.	
Mar. 22, 1983	Markup—DOE FY 1984 Budget Request	Apr. 27, 1983
May 24, 1983	Nuclear Space Power Program (Jointly with SSA Subcommittee).	
June 14, 1983	Computers and Their Role in Energy Research: Current Status and Future Needs (Jointly with EDA Subcommittee).	
June 15, 1983	Computers and Their Role in Energy Research: Current Status and Future Needs (Jointly with EDA Subcommittee).	
June 22, 1983	Lower Oil Prices and Their Implications for Energy R&D Policy (Jointly with EDA Subcommittee).	

SUBCOMMITTEE ON ENERGY RESEARCH AND PRODUCTION

DATE	SUBJECT	FULL COMMITTEE MEETING
July 11, 1983	Field Hearing—The Impact of Mercury Releases and Other Pollutants at the Department of Energy Oak Ridge Complex at Oak Ridge, Tennessee (Oak Ridge, TN)(Jointly with I&O Subcommittee).	
July 28, 1983	Review of the CBO Report Entitled: "Supplying Enriched Uranium Through the Year 2025: Investment Options for the United States.	
Sep. 15, 1983	Review of the Administrations's Alternative Financing Plan for the Clinch River Breeder Reactor Project.	
Oct. 20, 1983	Department of Energy's Program Comprehensive Management Plan for Magnetic Fusion Energy.	
	SECOND SESSION	
Feb. 7, 1984	DOE FY 1985 Authorization for the Nuclear Fission R&D Program, Including an Overview of the Program and Discussions on the Breeder Reactor Base Program, Fuel Cycle R&D, and Converter Reactor Systems.	
Feb. 8, 1984	DOE FY 1985 Authorization for Special Nuclear Fission Topics Including Advanced Reactor Systems.	
Feb. 9, 1984	DOE FY 1985 Authorization for Nuclear Waste Management Programs.	
Feb. 22, 1984	DOE FY 1985 Authorization for Uranium Enrichment Activities.	
Feb. 23, 1984	DOE FY 1985 Authorization for Magnetic Fusion Energy Program.	
Feb. 28, 1984	DOE FY 1985 Authorization for Uranium Enrichment Activities.	
Feb. 29, 1984	DOE FY 1985 Authorization for the Magnetic Fusion Program.	
Mar. 7, 1984	DOE FY 1985 Authorization for Electric Energy Systems, Energy Storage Systems, and Small-Scale Hydroelectric Systems.	
Mar. 13, 1984	DOE FY 1985 Authorization for Departmental Administration, Supporting Services, and the DOE's Proposed Management Initiatives (Jointly with EDA Subcommittee).	
Mar. 14, 1984	Markup—DOE FY 1985 Authorization	Apr. 3, 1984
May 22, 1984	Lessons Learned in Utility Management and the Status of the R&D Program Following the Accident at Three Mile Island.	
July 26, 1984	The Status of the Technical Infrastructure Required to Support Domestic Food Irradiation.	
Sep. 25, 1984	Conversion of Research and Test Reactors to Low-Enriched Uranium (LEU) Fuel (Jointly with EDA Subcommittee).	

SUBCOMMITTEE ON SCIENCE, RESEARCH AND TECHNOLOGY

FIRST SESSION

DATE	SUBJECT	FULL COMMITTEE MEETING
Feb. 25, 1983	National Science Foundation (NSF) FY 1984 Authorization	
Mar. 1, 1983	NSF FY 1984 Authorization	
Mar. 8, 1983	NSF FY 1984 Authorization	
Mar. 10, 1983	NSF FY 1984 Authorization	
Mar. 15, 1983	Reauthorization of the Earthquake Hazards Reduction Act of 1977.	
Mar. 16, 1983	The Fire Prevention and Control Act of 1974	
Mar. 22, 1983	H.R. 1996—The National Bureau of Standards (NBS) FY 1984 Authorization.	
Mar. 23, 1983	H.R. 1996—NBS FY 1984 Authorization	
Mar. 24, 1983	Guayule Research Program (Jointly with Committee on Agriculture, Subcommittee on Department Operations, Research and Foreign Agriculture).	
Apr. 5, 1983	Markup—H.R. 2066, the NSF FY 1984 Authorization	Apr. 19, 1983
Apr. 7, 1983	Markup—H.R. 1996, the NBS FY 1984 Authorization; H.R. 2414, the Federal Fire Prevention and Control Act of 1974; and H.R. 2415, the Earthquake Hazards Reduction Act of 1977.	Apr. 19, 1983
May 5, 1983	Markup—H.R. 2733, the Critical Agriculture Materials Act	May 10, 1983
June 7, 1983	Technology and Employment (Jointly with Task Force of the Committee on the Budget).	
June 9, 1983	Technology and Employment (Jointly with Task Force of the Committee on the Budget).	
June 10, 1983	Technology and Employment (Jointly with Task Force of the Committee on the Budget).	
June 14, 1983	Technology and Employment (Jointly with Task Force of the Committee on the Budget).	
June 15, 1983	Technology and Employment (Jointly with Task Force of the Committee on the Budget).	
June 16, 1983	Technology and Employment (Jointly with Task Force of the Committee on the Budget).	
June 22, 1983	Environmental Implications of Genetic Engineering (Jointly with I&O Subcommittee).	
June 23, 1983	Technology and Employment (Jointly with Task Force of the Committee on the Budget).	

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SUBCOMMITTEE ON SCIENCE, RESEARCH AND TECHNOLOGY

DATE	SUBJECT	FULL COMMITTEE MEETING
June 28, 1983	H.R. 2292, the Arctic Research and Policy Act of 1983	
June 29, 1983	Japanese Technological Advances and Possible U.S. Responses Using Research Joint Ventures (Jointly with I&O Subcommittee).	
June 30, 1983	Japanese Technological Advances and Possible U.S. Responses Using Research Joint Ventures (Jointly with I&O Subcommittee).	
July 12, 1983	Hearing—H.R. 1952, the Joint R&D Ventures Act of 1983 and H.R. 3393, the High Technology R&D Joint Ventures Act of 1983.	
July 14, 1983	The Role of the Federal Government in Human Nutrition (Jointly with the Subcommittee on Department Operations, Research and Foreign Agriculture of the Committee on Agriculture).	
Aug. 8, 1983	Field Meeting—The Effects of Technology on Employment and Future Growth (San Bernardino, CA).	
Aug. 11, 1983	Field Hearing—Silicon Valley and the Academic Community: Working Together to Meet Today's Economic and Scientific Changes.	
Oct. 4, 1983	Markup—H.R. 3840, the Risk Assessment R&D Act of 1983 and Legislation to Provide Anti-Trust Relief for the Conduct of Joint Research and Development.	
Oct. 6, 1983	Markup—H.R. 3840, the Risk Assessment R&D Act of 1983 and Legislation to Provide Anti-Trust Relief for the Conduct of Joint Research and Development.	
Oct. 14, 1983	Field Hearing—Fire Prevention and Control (Pittsburgh, PA).	
Oct. 26, 1983	Markup—H.R. 4043, the Research and Development Joint Venture Act of 1983.	Nov. 3, 1983
Oct. 28, 1983	Markup—S.373, the Arctic Policy and Research Act of 1983	Nov. 10, 1983
Nov. 9, 1983	Developing Technologies of Television Captioning: Benefits for the Hearing Impaired.	

SECOND SESSION

Feb. 2, 1984	National Bureau of Standards Authorization	
Feb. 3,1984	National Science Foundation Authorization	
Feb. 7, 1984	National Bureau of Standards Authorization	
Feb. 9, 1984	National Science Foundation Authorization	
Feb. 10, 1984	Field Hearing—Elementary and Secondary Science and Mathematics Education (Pittsburgh, PA).	
Feb. 28, 1984	National Science Foundation Authorization	
Feb. 29, 1984	National Science Foundation Authorization	

SUBCOMMITTEE ON SCIENCE, RESEARCH AND TECHNOLOGY

DATE	SUBJECT	FULL COMMITTEE MEETING
Mar. 6, 1984	Investigation into the Availability of Japanese Scientific and Technical Publications in the United States.	
Mar. 7, 1984	Investigation into the Availability of Japanese Scientific and Technical Publications in the United States.	
Mar. 13, 1984	Markup—H.R. 5172, National Bureau of Standards FY 1984 and 1985 Authorization.	
Mar. 14, 1984	Markup—H.R. 4974, National Science Foundation FY 1985 and 1986 Authorization and H.R. 5172, National Bureau of Standards FY 1984 and 1985 Authorization.	
Mar. 15, 1984	Markup—H.R. 4974, National Science Foundation FY 1985 and 1986 Authorization and H.R. 5172, National Bureau of Standards FY 1984 and 1985 Authorization.	Mar. 22, 1984 (H.R. 4974) Mar. 27, 1984 (H.R. 5172)
Mar. 15, 1984	UNESCO—Implications on International Scientific Cooperation of United States Withdrawal from UNESCO (Jointly with NRARE Subcommittee).	
May 15, 1984	H.R. 5003, the Uniform Science and Technology Research and Development Utilization Act.	
May 16, 1984	H.R. 5003, the Uniform Science and Technology Research and Development Utilization Act.	
May 23, 1984	Hazards Associated with Earthquakes in the Eastern United States (Jointly with I&O Subcommittee).	
May 24, 1984	Scientific Communications and National Security (Jointly with I&O Subcommittee).	
June 5, 1984	H.R. 3750, the Computer Literacy Act of 1983 and H.R. 4628, the National Educational Software Corporation Act of 1984.	
June 7, 1984	Federal Organization for Technological Innovation	
June 12, 1984	Federal Organization for Technological Innovation	
June 13, 1984	Federal Organization for Technological Innovation	
June 14, 1984	Federal Organization for Technological Innovation	
June 19, 1984	Markup—H.R. 3750, the Computer Literacy Act of 1983, H.R. 4628, the National Educational Software Corporation Act of 1984, and H.R. 5003, the Uniform Science and Technology Research and Development Utilization Act.	Aug. 8, 1984 (H.R. 3750)
June 20, 1984	H.R. 4684, the National Nutrition and Related Research Act of 1984 (Jointly with Committee on Agriculture, Subcommittee on Department Operations, Research and Foreign Agriculture).	
June 22, 1984	Field Hearing—Fire Prevention and Control (Nassau County, Long Island, New York).	
July 25, 1984	Markup—H.R. 5003, the Uniform Science and Technology Research and Development Utilization Act; H.R. 4684, the National Nutrition Monitoring and Related Research Act of 1984; and S.1286, the Manufacturing Sciences and Technology Research and Development Act of 1983.	Aug. 8, 1984 (H.R. 5003) Sep. 20, 1984 (H.R. 4684; S.1286)

SUBCOMMITTEE ON SCIENCE, RESEARCH AND TECHNOLOGY

DATE	SUBJECT	FULL COMMITTEE MEETING
Sep. 12, 1984	Earthquakes in the Eastern United States (Jointly with I&O Subcommittee).	

SUBCOMMITTEE ON TRANSPORTATION, AVIATION AND MATERIALS

FIRST SESSION

DATE	SUBJECT	FULL COMMITTEE MEETING
Feb. 8, 1983	Subcommittee Organizational Meeting	
Feb 8, 1983	National Aeronautics and Space Administration (NASA) FY 1984 Authorization (Jointly with SSA Subc.).	
Feb. 9, 1983	NASA FY 1984 Authorization: Aeronautics Portion	
Feb. 23, 1983	Department of Energy (DOE) FY 1984 Authorization: Transportation Programs.	
Feb. 24, 1983	DOE FY 1984 Authorization: Transportation Programs	
Mar. 10, 1983	Markup—H.R. 1954, NASA FY 1984 Authorization: Aeronautics Portion; DOE FY 1984 Authorization: Transportation Programs.	Apr. 12, 1983 (NASA) Apr. 27, 1983 (DOE)
Mar. 22, 1983	Federal Aviation Administration (FAA) R&D Oversight	
May 2, 1983	Joint Services Advanced Vertical Lift (JVX) Program and NASA's Tilt Rotor Research Aircraft.	
May 17, 1983	Critical and Strategic Materials and Oversight of P.L. 96-479, the National Material[illegible]nd Minerals Policy Research and Development Act.	
May 18, 1983	Critical and Strategic Materials and Oversight of P.L. 96-479, the National Materials and Minerals Policy Research and Development Act.	
May 19, 1983	Critical and Strategic Materials and Oversight of P.L. 96-479, the National Materials and Minerals Policy Research and Development Act.	
June 9, 1983	Transportation Infrastructure Research and Technology (Jointly with I&O Subcommittee).	
June 15, 1983	Transportation Infrastructure Research and Technology (Jointly with I&O Subcommittee).	
June 16, 1983	Transportation Infrastructure Research and Technology (Jointly with I&O Subcommittee).	
June 24, 1983	Critical and Strategic Materials and Oversight of P.L. 96-479, the National Materials and Minerals Policy Research and Development Act.	
June 27, 1983	Aircraft Maintenance and Fire Safety Research	
July 18, 1983	Airport Safety Technology	
Aug. 29, 1983	Field Hearing—Alternative Fuels for General Aviation (Wichita, KS).	
Sep. 19, 1983	Aircraft Navigation Technology	

SUBCOMMITTEE ON TRANSPORTATION, AVIATION AND MATERIALS

DATE	SUBJECT	FULL COMMITTEE MEETING
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Oct. 17, 1983	Computers and Communications Security and Privacy	
Oct. 24, 1983	Computers and Communications Security and Privacy	
Oct. 27, 1983	Markup—H.R. 4186, the National Critical Materials Act of 1983; H.Con.Res.190, a resolution to establish a global positioning system; and the Subcommittee draft report on Aviation Safety.	Nov. 3, 1983 (H.Con.Res. 190) Nov. 10, 1983 (H.R. 4186)
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Feb. 21, 1984	DOE FY 1985 Authorization (Vehicle and Engine R&D Programs).	
Feb. 22, 1984	DOE FY 1985 Authorization (Vehicle and Engine R&D Programs).	
Mar. 1, 1984	NASA FY 1985 Authorization—Facilities, Program Management, and NASA General Counsel (Jointly with SSA Subcommittee).	
Mar. 13, 1984	Markup—NASA FY 1985 Authorization (Aeronautics Programs) and DOE FY 1985 Authorization (Vehicle and Engine R&D Programs).	Mar. 20, 1984 (NASA) Apr. 3, 1984 (DOE)
Mar. 21, 1984	Airport Safety Technology	
Mar. 26, 1984	Oversight of the FY 1985 R&D Programs of the Federal Aviation Administration.	
Mar. 28, 1984	Oversight of the FY 1985 R&D Programs of the Federal Aviation Administration.	
Mar. 29, 1984	Oversight of the FY 1985 R&D Programs of the Federal Aviation Administration.	
Apr. 26, 1984	Methane Fuel Vehicle R&D	
May 21, 1984	Emerging Ultralight Aircraft Technology and Public Safety	
July 24, 1984	Aircraft Navigation and Landing Technology: Status of Implementation.	
July 25, 1984	Wind Shear Detection Technology	
July 27, 1984	Railroad Track and Roadbed Safety Technology	
Aug. 6, 1984	Subliminal Communication Technology	
Sep. 24, 1984	Computer and Communications Security and Privacy	

SUBCOMMITTEE ON INVESTIGATIONS AND OVERSIGHT

FIRST SESSION

DATE	SUBJECT	FULL COMMITTEE MEETING
Feb. 9, 1983	Subcommittee Organizational Meeting (Closed)	
Mar. 23, 1983	Circadian Rythms (Biological Clocks)	
Mar. 24, 1983	Circadian Rythms (Biological Clocks)	
Mar. 30, 1983	Field Hearing—Alternative Technologies of Hazardous Waste Disposal (Jackson, TN).	
Apr. 6, 1983	The Impact of Technology on Jobs and Methods for Job Forecasting.	
Apr. 7, 1983	The Impact of Technology on Jobs and Methods for Job Forecasting.	
Apr. 13, 1983	Procurement and Distribution of Human Organs for Transplantation.	
Apr. 14, 1983	Procurement and Distribution of Human Organs for Transplantation; consideration and approval of subcommittee reports on Byssinosis and Formaldehyde.	
Apr. 27, 1983	Procurement and Distribution of Human Organs for Transplantation.	
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May 13, 1983	Field Hearing—Joint Industry/University Cooperation with Federally Supported Research Facilities (Las Cruces, NM).	
June 9, 1983	Transportation Infrastructure Research and Technology (Jointly with TAM Subcommittee).	
June 15, 1983	Transportation Infrastructure Research and Technology (Jointly with TAM Subcommittee).	
June 16, 1983	Transportation Infrastructure Research and Technology (Jointly with TAM Subcommittee).	
June 22, 1983	Environmental Implications of Genetic Engineering (Jointly with SRT Subcommittee).	
June 29, 1983	Japanese Technological Advances and Possible U.S. Responses Using Research Joint Ventures (Jointly with SRT Subcommittee).	
June 30, 1983	Japanese Technological Advances and Possible U.S. Responses Using Research Joint Ventures (Jointly with SRT Subcommittee).	
July 11, 1983	Field Hearing—The Impact of Mercury Releases and Other Pollutants at the Department of Energy Oak Ridge Complex at Oak Ridge, Tennessee (Oak Ridge, TN)(Jointly with ERP Subcommittee).	

SUBCOMMITTEE ON INVESTIGATIONS AND OVERSIGHT

DATE	SUBJECT	FULL COMMITTEE MEETING
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Sep. 28, 1983	Computers and Education	
Sep. 29, 1983	Computers and Education	
Oct. 13, 1983	Field Hearing—Forecasting and Technology for Water Management (Boulder City, NV).	
Oct. 14, 1983	Field Hearing—Forecasting and Technology for Water Management (Las Vegas, NV).	
Nov. 7, 1983	Organ Transplantation	
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Feb. 28, 1984	Carbon Dioxide and the Greenhouse Effect (Jointly with NRARE Subcommittee).	
Apr. 25, 1984	Structural Failures	
May 23, 1984	Hazards Associated with Earthquakes in the Eastern United States (Jointly with SRT Subcommittee).	
May 24, 1984	Scientific Communication and National Security (Jointly with SRT Subcommittee).	
June 6, 1984	The Status and Implications of Oncogene Research	
July 6, 1984	Field Hearing—Alternative Fuels (Jointly with the Committee on Agriculture, Subcommittee on Wheat, Soybeans and Feed Grains)(Decatur, IL).	
Aug. 1, 1984	Federal Emergency Management Agency Oversight	
Aug. 8, 1984	Human Embryo Transfer	
Aug. 9, 1984	Human Embryo Transfer	
Aug. 14, 1984	Field Hearing—Developments in the Production and Use of Ethanol Fuels (Jointly with the Committee on Agriculture, Subcommittee on Wheat, Soybeans and Feed Grains)(Clovis, NM).	
Aug. 30, 1984	Field Hearing—Alzheimer's Disease Research (Johnson City, TN).	
Sep. 12, 1984	Earthquakes in the Eastern United States (Jointly with SRT Subcommittee).	
Sep. 19, 1984	Alzheimer's Disease	
Sep. 20, 1984	Alzheimer's Disease	

SUBCOMMITTEE ON INVESTIGATIONS AND OVERSIGHT

DATE	SUBJECT	FULL COMMITTEE MEETING
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Oct. 9, 1984	Oversight—Federal Emergency Management Agency	
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SUBCOMMITTEE ON SPACE SCIENCE AND APPLICATIONS

FIRST SESSION

DATE	SUBJECT	FULL COMMITTEE HEARING
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Feb. 25, 1983	Field Hearing—NASA FY 1984 Authorization (Houston, TX).	
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Feb. 28, 1983	Field Hearing—NASA FY 1984 Authorization (Huntsville, AL).	
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May 3, 1983	Space Commercialization	
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May 24, 1983	Nuclear Space Power Program (Jointly with ERP Subcommittee).	
June 14, 1983	NASA's Space Telescope Program	
June 16, 1983	Commercialization of Remote Sensing Satellites (Jointly with NRARE Subcommittee).	
June 21, 1983	Commercialization of Remote Sensing Satellites (Jointly with NRARE Subcommittee).	
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Oct. 18, 1983	Review of the National Aeronautics and Space Act of 1958	
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Feb. 1, 1984	NASA FY 1985 Budget Request	
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Feb. 8, 1984	NASA FY 1985 Budget Request—Space Science and Applications.	
Feb. 9, 1984	NASA FY 1985 Budget Request—Space Science and Applications.	
Feb. 22, 1984	NASA FY 1985 Budget Request—Space Transportation System.	
Feb. 23, 1984	Review NASA FY 1984 Budget	
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Feb. 29, 1984	NASA FY 1985 Budget Request—Space Tracking and Data Systems.	

SUBCOMMITTEE ON SPACE SCIENCE AND APPLICATIONS

DATE	SUBJECT	FULL COMMITTEE HEARING
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Mar. 6, 1984	H.R. 4836, the Land Remote-Sensing Commercialization Act of 1984 (Jointly with NRARE Subcommittee).	
Mar. 13, 1984	Markup—NASA FY 1985 Authorization and H.R. 4836, the Land Remote-Sensing Commercialization Act of 1984.	Mar. 20, 1984 (NASA) Mar. 27, 1984 (LANDSAT)
Mar. 29, 1984	H.R. 3942, the Expendable Launch Vehicle Commercialization Act.	
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H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

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H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

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H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

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H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

BERMAN, Howard L. of California

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.

H.R. 4432 To establish as an executive department of the United States Government a Department of Commerce and Trade, and for other purposes.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

BETHUNE, Ed of Arkansas

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

BEVILL, Tom of Alabama

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

BIAGGI, Mario of New York

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5958 To provide for improvements in the Nation's environmental monitoring programs, to establish a National Commission on Environmental Monitoring, and to enhance United States participation in international monitoring programs.

BILIRAKIS, Michael of Florida

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

BLILEY, Thomas J., Jr. of Virginia

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 3840 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to protection of human life, health, and the environment.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

BOEHLERT, Sherwood L. of New York

H.R. 2465 To authorize appropriations for the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 for fiscal year 1984 and fiscal year 1985, and for other purposes.
H.R. 2513 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1984, and for other purposes.
H.R. 2514 To enhance the transfer of technical information to industry, business, and the general public by amending the Act of September 9, 1950 (15 U.S.C. 1151 et seq.), to establish a Technical Information Clearinghouse Fund, and for other purposes.
H.R. 4047 To advance national prosperity and welfare, to foster the development and use of robots and automated manufacturing systems, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.
H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.
H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

BOGGS, Lindy (Mrs. Hale) of Louisiana

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.
H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

BONER, William Hill of Tennessee

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

BONIOR, David E. of Michigan

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

BONKER, Don of Washington

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 3334 To establish a national technology education grants program to provide matching Federal assistance to joint initiatives by private industry, educational institutions, and State government to strengthen science, engineering, and technical education, and for other purposes.
H.R. 4432 To establish as an executive department of the United States Government a Department of Commerce and Trade, and for other purposes.

BOSCO, Douglas H. of California

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

BOUCHER, Frederick C. of Virginia

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.
H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.
H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.
H.R. 5003 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development, and for other purposes.
H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

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BOUCHER, Frederick C. of Virginia—Continued

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

BOXER, Barbara of California

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

BREAUX, John B. of Louisiana

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

H.R. 6342 To approve the governing international fishery agreement between the United States and the European Economic Community and a similar agreement between the United States and Iceland, to facilitate the establishment of artificial reefs in the waters of the United States, to provide legislative authority to implement the Convention on the Conservation of Antarctic Marine Resources, and for other purposes.

BRITT, C. Robin of North Carolina

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

BROOKS, Jack of Texas

H.R. 4030 To authorize the continuation of the land remote sensing satellite program (LANDSAT), and to ensure the United States role as the world leader in developing and utilizing land remote sensing space technology through the LANDSAT program.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

BROOMFIELD, William S. of Michigan

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

BROWN, George E. of California

H.R. 478 To establish the national space policy of the United States, to declare the goals of the Nation's space program (both in terms of space and terrestrial applications and in space science), and to provide for the planning and implementation of such a program.

H.R. 480 To maintain and enhance the United States' leadership in information science and technology by establishing an Institute for Information Policy and Research to address national information policy issues; to provide a forum for the interaction of government, industry and commerce, and educational interests in the formulation of national information policy options; to provide a focus and mechanism for planning and coordinating Federal research and development activities related to information science and technology; and to amend the National Science and Technology Policy, Organization, and Priorities Act of 1976 to create a new position of Special Assistant for Information Technology and Science Information.

H.R. 481 To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.

H.R. 582 To provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1243 To provide for a study on economically strategic technologies and to identify and provide for the development of such technologies.

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

BROWN, George E. of California—Continued

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 2465 To authorize appropriations for the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 for fiscal year 1984 and fiscal year 1985, and for other purposes.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 2513 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1984, and for other purposes.

H.R. 2514 To enhance the transfer of technical information to industry, business, and the general public by amending the Act of September 9, 1950 (15 U.S.C. 1151 et seq.), to establish a Technical Information Clearinghouse Fund, and for other purposes.

H.R. 2733 To extend and improve the existing program of research, development, and demonstration in the production and manufacture of guayule rubber, and to broaden such program to include other critical agricultural materials.

H.R. 2899 To authorize appropriations for environmental research, development, and demonstration for the fiscal years 1984 and 1985, and for other purposes.

H.R. 2900 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.

H.R. 2907 To establish a United States Design Council within the Department of Commerce.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3786 To authorize a grant to the Willard Frank Libby Foundation for energy and science related research grants, and for other purposes.

H.R. 3840 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to protection of human life, health, and the environment.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4030 To authorize the continuation of the land remote sensing satellite program (LANDSAT), and to ensure the United States role as the world leader in developing and utilizing land remote sensing space technology through the LANDSAT program.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4047 To advance national prosperity and welfare, to foster the development and use of robots and automated manufacturing systems, and for other purposes.

H.R. 4098 comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4186 To provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, and for other purposes.

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.

H.R. 4490 Entitled: the "Metric Evaluation Act of 1984".

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 4822 To amend the National Science Foundation Act of 1950 to provide for the initiation and support of research fundamental to the engineering process in order to strengthen engineering research and engineering education, and to make changes in the organization and nomenclature of the Foundation to reflect the new essential emphasis on engineering.

H.R. 5003 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development, and for other purposes.

H.R. 5101 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985, and for related purposes.

H.R. 5154 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.

H.R. 5172 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985 and for related purposes.

H.R. 5780 To amend the National Science Foundation Act of 1950 to authorize appropriations for fiscal years 1985, 1986, and 1987 for agricultural research, and for other purposes.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

H.R. 5958 To provide for improvements in the Nation's environmental monitoring programs, to establish a National Commission on Environmental Monitoring, and to enhance United States participation in international monitoring programs.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.

H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

BROYHILL, James T. of North Carolina

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

BRYANT, John of Texas

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

BURTON, Dan of Indiana

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.

H.R. 3794 To amend section 312(c) of the Federal Aviation Act of 1958, relating to research and development, to require the Secretary of Transportation to assure the development of a collision avoidance system for use on all civil and military aircraft of the United State in the interest of air safety.

BURTON, Phillip of California

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

BURTON, Sala of California

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

CARNEY, William of New York

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

CARPER, Thomas R. of Deleware

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

CARR, Bob of Michigan

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

CHANDLER, Rod of Washington

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4415 To establish a program to conduct research and development for improved manufacturing technologies, and for other purposes.

H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 5154 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

CHANDLER, Rod of Washington—Continued

H.R. 5958 To provide for improvements in the Nation's environmental monitoring programs, to establish a National Commission on Environmental Monitoring, and to enhance United States participation in international monitoring programs.

H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

CHAPPELL, Bill, Jr. of Florida

H.R. 495 To establish the Mineral Conservation Research and Development Commission within the National Science Foundation, and to provide for the inventory of major nonfuel raw materials and the development of substitute materials.

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

CLARKE, James McClure of North Carolina

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

CLAY, William (Bill) of Missouri

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

CLINGER, William F., Jr. of Pennsylvania

H.R. 4392 To provide for an accelerated program of research, development, and demonstration with repect to the production of electricity from magnetohydrodynamics, leading to the construction and operation of at least one major proof of concept demonstration project in connection with an existing electric powerplant, and for other purposes.

H.R. 5044 To establish a national coal science, technology, and engineering development program.

H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

COATS, Dan of Indiana

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

COELHO, Tony of California

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

COLLINS, Cardiss of Illinois

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

CONTE, Silvio W, of Massachusetts

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

CONYERS, John, Jr. of Michigan

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

COOPER, Jim of Tennessee

H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

COOPER, Jim of Tennessee—Continued

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

CORCORAN, Tom of Illinois

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

CORRADA, Baltasar of Puerto Rico

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

COUGHLIN, Lawrence of Pennsylvania

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

COYNE, William J. of Pennsylvania

H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.

CRANE, Daniel B. of Illinois

H.R. 674 To repeal the Metric Conversion Act of 1975 (15 U.S.C. 205a et seq.).

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

CRANE, Philip M. of Illinois

H.R. 530 To amend the Metric Conversion Act of 1975 to provide that the functions of the Federal Government with respect to the metric system shall be limited to coordinating the conversion to such system areas or industries which desire it, and keeping the public informed thereon, without encouraging in any way the adoption or use of such system.

H.R. 674 To repeal the Metric Conversion Act of 1975 (15 U.S.C. 205a et seq.).

H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

CROCKETT, George W., Jr. of Michigan

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4392 To provide for an accelerated program of research, development, and demonstration with repect to the production of electricity from magnetohydrodynamics, leading to the construction and operation of at least one major proof of concept demonstration project in connection with an existing electric powerplant, and for other purposes.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

D'AMOURS, Norman E. of New Hampshire

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

D'AMOURS, Norman E. of New Hampshire—Continued

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.
H.R. 3597 To authorize appropriations for atmospheric, climatic, and ocean research activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4655 To require the National Weather Service to report routinely on the levels of acid content found in precipitation and dry deposition throughout the United States, and for other purposes.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

DASCHLE, Thomas A. of South Dakota

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

DAUB, Hal of Nebraska

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

DAVIS, Robert W. of Michigan

H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

de la GARZA, E of Texas

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

DELLUMS, Ronald V. of California

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

de LUGO, Ron of the Virgin Islands

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

DERRICK, Butler of South Carolina

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

DICKINSON, William L. of Alabama

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

DICKS, Norman D. of Washington

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

DINGELL, John D. of Michigan

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

DIXON, Julian C. of California

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

DONNELLY, Brian J., Jr. of Massachusetts

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 2633 To promote the development of research, experimentation and testing that minimize the use of, and pain and suffering to, live animals.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

DORGAN, Byron L. of North Dakota

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

DOWDY, Wayne of Mississippi

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

DOWNEY, Thomas J. of New York

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

DREIER, David of California

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

DUNCAN, John J. of Tennessee

H.R. 1405 To provide tor an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

DURBIN, Richard J. of Illinois

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.
H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.
H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.
H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

DWYER, Bernard J. of New Jersey

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

DYMALLY, Mervyn M. of California

H.R. 481 To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 2465 To authorize appropriations for the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 for fiscal year 1984 and fiscal year 1985, and for other purposes.

H.R. 2513 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1984, and for other purposes.

H.R. 2514 To enhance the transfer of technical information to industry, business, and the general public by amending the Act of September 9, 1950 (15 U.S.C. 1151 et seq.), to establish a Technical Information Clearinghouse Fund, and for other purposes.

H.R. 2907 To establish a United States Design Council within the Department of Commerce.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4186 To provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, and for other purposes.

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 5154 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.

H.R. 5172 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985 and for related purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

DYSON, Roy of Maryland

H.R. 1958 Relating to the transfer of civil land remote sensing space satellite systems and meteorological satellite systems to the private sector.

H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.

H.R. 4108 To amend the Federal Water Pollution Control Act to provide for the enhanced water quality of the Chesapeake and Narragansett Bays, and for other purposes.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

ECKART, Dennis E. of Ohio

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

EDGAR, Robert of Pennsylvania

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 5044 To establish a national coal science, technology, and engineering development program.

EDGAR, Robert of Pennsylvania—Continued

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

EDWARDS, Don of California

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

EMERSON, Bill of Missouri

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 3717 To strengthen national minerals and materials policy coordination, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4822 To amend the National Science Foundation Act of 1950 to provide for the initiation and support of research fundamental to the engineering process in order to strengthen engineering research and engineering education, and to make changes in the organization and nomenclature of the Foundation to reflect the new essential emphasis on engineering.

EVANS, Cooper of Iowa

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.
H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

EVANS, Lane of Illinois

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.
H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

FASCELL, Dante B. of Florida

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 4030 To authorize the continuation of the land remote sensing satellite program (LANDSAT), and to ensure the United States role as the world leader in developing and utilizing land remote sensing space technology through the LANDSAT program.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

FAUNTROY, Walter E. of D.C.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.

FAZIO, Vic of California

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.
H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

FAZIO, Vic of California—Continued

H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.

H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

FEIGHAN, Edward F. of Ohio

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

FERRARO, Geraldine A. of New York

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

FIEDLER, Bobbi of California

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

FISH, Hamilton, Jr. of New York

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.

H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

FLIPPO, Ronnie G. of Alabama

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

FLORIO, James J. of New Jersey

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

FOGLIETTA, Thomas M. of Pennsylvania

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

FOLEY, Thomas S. of Washington

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

FORD, Harold E. of Tennessee

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 2525 To establish a National Commission on Technological Innovation and Industrial Modernization.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

FORD, William D. of Michigan

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

FORSYTHE, Edwin B. of New Jersey

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 6342 To approve the governing international fishery agreement between the United States and the European Economic Community and a similar agreement between the United States and Iceland, to facilitate the establishment of artificial reefs in the waters of the United States, to provide legislative authority to implement the Convention on the Conservation of Antarctic Marine Resources, and for other purposes.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

FOWLER, Wyche, Jr. of Georgia

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.

H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

FRANK, Barney of Massachusetts

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

FRENZEL, Bill of Minnesota

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

FRENZEL, Bill of Minnesota—Continued

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

FROST, Martin of Texas

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

FUQUA, Don of Florida

H.R. 480 To maintain and enhance the United States' leadership in information science and technology by establishing an Institute for Information Policy and Research to address national information policy issues; to provide a forum for the interaction of government, industry and commerce, and educational interests in the formulation of national information policy options; to provide a focus and mechanism for planning and coordinating Federal research and development activities related to information science and technology; and to amend the National Science and Technology Policy, Organization, and Priorities Act of 1976 to create a new position of Special Assistant for Information Technology and Science Information.

H.R. 582 To provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 1954 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 1996 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985, and for other purposes.

H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 2066 To authorize appropriations to the National Science Foundation for fiscal years 1984 and 1985.

H.R. 2465 To authorize appropriations for the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 for fiscal year 1984 and fiscal year 1985, and for other purposes.

H.R. 2513 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1984, and for other purposes.

H.R. 2514 To enhance the transfer of technical information to industry, business, and the general public by amending the Act of September 9, 1950 (15 U.S.C. 1151 et seq.), to establish a Technical Information Clearinghouse Fund, and for other purposes.

H.R. 2587 To authorize appropriations to the Department of Energy for civilian research and development programs for the fiscal year 1984.

H.R. 3597 To authorize appropriations for atmospheric, climatic, and ocean research activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3840 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to protection of human life, health, and the environment.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 3976 To provide for the establishment of a Central Board of Scientific Risk Assessment as a means of improving the scientific review and evaluation of risk assessments made by Federal agencies, with particular emphasis upon risk assessments involving issues of chronic health hazards.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4047 To advance national prosperity and welfare, to foster the development and use of robots and automated manufacturing systems, and for other purposes.

H.R. 4186 To provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, and for other purposes.

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.R. 4415 To establish a program to conduct research and development for improved manufacturing technologies, and for other purposes.

FUQUA, Don of Florida—Continued

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 4797 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.

H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 4974 To authorize appropriations to the National Science Foundation for fiscal years 1985 and 1986.

H.R. 5003 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development, and for other purposes.

H.R. 5154 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 5244 To authorize appropriations to the Department of Energy for civilian research and development programs for fiscal years 1985, 1986, and 1987.

H.R. 5245 To authorize appropriations to the Department of Energy for civilian energy programs for fiscal years 1985, 1986, and 1987.

H.Con.Res. 203 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a National Storm Program.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

GARCIA, Robert of New York

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

GAYDOS, Joseph M. of Pennsylvania

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 5044 To establish a national coal science, technology, and engineering development program.

GEJDENSON, Sam of Connecticut

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

GEKAS, George W. of Pennsylvania

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.

GEPHARDT, Richard A. of Missouri

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4186 To provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, and for other purposes.

GILMAN, Benjamin A. of New York

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

GINGRICH, Newton Leroy of Georgia

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

GLICKMAN, Dan of Kansas

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4186 To provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, and for other purposes.

H.R. 4432 To establish as an executive department of the United States Government a Department of Commerce and Trade, and for other purposes.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 5154 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

GOODLING, William F. of Pennsylvania

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

GORE, Albert, Jr. of Tennessee

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 3976 To provide for the establishment of a Central Board of Scientific Risk Assessment as a means of improving the scientific review and evaluation of risk assessments made by Federal agencies, with particular emphasis upon risk assessments involving issues of chronic health hazards.

H.R. 4047 To advance national prosperity and welfare, to foster the development and use of robots and automated manufacturing systems, and for other purposes.

H.R. 4628 To establish a National Education Software Corporation to promote the development and distribution of high-quality, interactive, and educationally useful computer software, amd for other purposes.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

GRADISON, Willis D., Jr. of Ohio

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

GRAY, William H., III of Pennsylvania

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

GREEN, S. William of New York

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

GREGG, Judd of New Hampshire

H.R. 3840 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to protection of human life, health, and the environment.
H.R. 3976 To provide for the establishment of a Central Board of Scientific Risk Assessment as a means of improving the scientific review and evaluation of risk assessments made by Federal agencies, with particular emphasis upon risk assessments involving issues of chronic health hazards.
H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.
H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.R. 5003 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development, and for other purposes.
H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.
H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.
H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

GUNDERSON, Steve of Wisconsin

H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

HALL, Katie of Indiana

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

HALL, Ralph M. of Texas

H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.R. 5154 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.
H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

HALL, Sam B., Jr. of Texas

H.R. 674 To repeal the Metric Conversion Act of 1975 (15 U.S.C. 205a et seq.).
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

HALL, Tony P. of Ohio

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

HAMILTON, Lee H. of Indiana

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

HAMMERSCHMIDT, John Paul of Arkansas

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 3207 To establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government.

HANCE, Kent of Texas

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

HANSEN, George of Idaho

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

HANSEN, James V. of Utah

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

HARKIN, Tom of Iowa

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

HARRISON, Frank of Pennsylvania

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5044 To establish a national coal science, technology, and engineering development program.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

HARTNETT, Thomas F. of South Carolina

H.R. 674 To repeal the Metric Conversion Act of 1975 (15 U.S.C. 205a et seq.).

H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.

H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

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HATCHER, Charles of Georgia

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

HAWKINS, Augustus F. of California

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

HAYES, Charles A. of Illinois

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

HEFNER, W. G. (Bill) of North Carolina

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

HEFTEL, Cecil (Cec) of Hawaii

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

HERTEL, Dennis M. of Michigan

H.R. 2800 To authorize appropriations for atmospheric, climate, and ocean pollution activities of the National Oceanic and Atmospheric Adminstration for the fiscal years 1983 and 1984, and for other purposes.

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

HILER, John of Indiana

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

HILLIS, Elwood of Indiana

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

HOLT, Marjorie S. of Maryland

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

HOPKINS, Larry J. of Kentucky

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

HORTON, Frank of New York

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

HORTON, Frank of New York—Continued

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4030 To authorize the continuation of the land remote sensing satellite program (LANDSAT), and to ensure the United States role as the world leader in developing and utilizing land remote sensing space technology through the LANDSAT program.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

HOWARD, James J. of New Jersey

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

HOYER, Steny H. of Maryland

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

HUBBARD, Carroll, Jr. of Kentucky

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

HUGHES, William J. of New Jersey

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4392 To provide for an accelerated program of research, development, and demonstration with repect to the production of electricity from magnetohydrodynamics, leading to the construction and operation of at least one major proof of concept demonstration project in connection with an existing electric powerplant, and for other purposes.

H.R. 4432 To establish as an executive department of the United States Government a Department of Commerce and Trade, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

HUNTER, Duncan L. of California

H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.

HUTTO, Earl Dewitt of Florida

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

HYDE, Henry J. of Illinois

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

IRELAND, Andy of Florida

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

JACOBS, Andrew, Jr. of Indiana

H.R. 2633 To promote the development of research, experimentation and testing that minimize the use of, and pain and suffering to, live animals.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

JEFFORDS, James M. of Vermont

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.
H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4392 To provide for an accelerated program of research, development, and demonstration with repect to the production of electricity from magnetohydrodynamics, leading to the construction and operation of at least one major proof of concept demonstration project in connection with an existing electric powerplant, and for other purposes.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

JOHNSON, Nancy L. of Connecticut

H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

JONES, Walter B. of North Carolina

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.
H.R. 3597 To authorize appropriations for atmospheric, climatic, and ocean research activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 6342 To approve the governing international fishery agreement between the United States and the European Economic Community and a similar agreement between the United States and Iceland, to facilitate the establishment of artificial reefs in the waters of the United States, to provide legislative authority to implement the Convention on the Conservation of Antarctic Marine Resources, and for other purposes.
H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

KAPTUR, Marcy of Ohio

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.
H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

KASICH, John R. of Ohio

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

KASTENMEIER, Robert W. of Wisconsin

H.R. 20 To establish a Federal Oil and Gas Corporation.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

KEMP, Jack F. of New York

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

KENNELLY, Barbara B. of Connecticut

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

KILDEE, Dale E. of Michigan

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.
H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.
H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

KINDNESS, Thomas N. of Ohio

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

KOGOVSEK, Ray of Colorado

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.
H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4186 To provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, and for other purposes.

KOLTER, Joseph P. of Pennsylvania

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 5044 To establish a national coal science, technology, and engineering development program.
H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.
H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

KOSTMAYER, Peter H. of Pennsylvania

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

KRAMER, Ken of Colorado

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

LaFALCE, John J. of New York

H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.
H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

LAGOMARSINO, Robert J. of California

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.
H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

LANTOS, Tom of California

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
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H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

LATTA, Delbert L. of Ohio

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.

LEACH, Jim of Iowa

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

LEHMAN, Richard of California

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

LEHMAN, William of Florida

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

LELAND, Mickey of Texas

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
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H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

LELAND, Mickey of Texas—Continued

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

LEVIN, Sander of Michigan

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.

H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

LEVINE, Mel of California

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.

H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

LEVITAS, Elliott H. of Georgia

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5259 To terminate certain authority of the executive branch of the Government which is subject to congressional review unless that authority is approved by an enactment of the Congress.

H.R. 5319 To terminate certain authority of the executive branch of the Government which is subject to congressional review unless that authority is approved by an enactment of the Congress.

H.R. 5333 To terminate certain authorities of the executive branch of the Government which are subject to congressional review unless those authorities are approved by an enactment of the Congress.

LEWIS, Tom of Florida

H.R. 2900 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.

H.R. 3597 To authorize appropriations for atmospheric, climatic, and ocean research activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

LEWIS, Tom of Florida—Continued

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

LIVINGSTON, Bob of Louisiana

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

LLOYD, Marilyn of Tennessee

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 2455 To authorize appropriations to the Department of Energy for the Clinch River Breeder Reactor Research and Development Project for Fiscal Years 1984 through 1990.

H.R. 3393 To modify the operation of Federal and State antitrust laws for the conducting of certain research and development activities jointly, and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 5592 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

LONG, Clarence D. of Maryland

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

LONG, Gillis W. of Louisiana

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

LOTT, Trent of Mississippi

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

LOWERY, Bill of California

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

LOWRY, Mike of Washington

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

LOWRY, Mike of Washington—Continued

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.
H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

LUJAN, Manuel, Jr. of New Mexico

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1954 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.
H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.
H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.R. 5154 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.
H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.
H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.
H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

LUKEN, Thomas A. of Ohio

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5044 To establish a national coal science, technology, and engineering development program.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

LUNDINE, Stanley N. of New York

H.R. 582 To provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.
H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.
H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.
H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.
H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.
H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 5172 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985 and for related purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

MacKAY, Buddy of Florida

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

MacKAY, Buddy of Florida—Continued

H.R. 2899 To authorize appropriations for environmental research, development, and demonstration for the fiscal years 1984 and 1985, and for other purposes.

H.R. 2900 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.

H.R. 3355 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal, and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4047 To advance national prosperity and welfare, to foster the development and use of robots and automated manufacturing systems, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 5154 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

H.R. 5958 To provide for improvements in the Nation's environmental monitoring programs, to establish a National Commission on Environmental Monitoring, and to enhance United States participation in international monitoring programs.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

McCAIN, John of Arizona

H.R. 1952 To allow businesses to jointly perform research and development.

McCANDLESS, Alfred A. (AL) of California

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

McCLOSKEY, Frank of Indiana

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.

H.R. 5044 To establish a national coal science, technology, and engineering development program.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

McCOLLUM, Bill of Florida

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4822 To amend the National Science Foundation Act of 1950 to provide for the initiation and support of research fundamental to the engineering process in order to strengthen engineering research and engineering education, and to make changes in the organization and nomenclature of the Foundation to reflect the new essential emphasis on engineering.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

McCURDY, Dave of Oklahoma

H.R. 582 To provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

McCURDY, Dave of Oklahoma—Continued

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

McDADE, Joseph M. of Pennsylvania

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 5044 To establish a national coal science, technology, and engineering development program.

McDONALD, Larry of Georgia

H.R. 674 To repeal the Metric Conversion Act of 1975 (15 U.S.C. 205a et seq.).

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

McEWEN, Bob of Ohio

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 2210 To establish a uranium enrichment fund.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

McGRATH, Raymond J. of New York

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.

H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

McHUGH, Matthew F. of New York

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

McKERNAN, John R., Jr. of Maine

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

McKINNEY, Stewart B. of Connecticut

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

McNULTY, Jim of Arizona

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

H.R. 5369 To authorize appropriations for the Department of Energy for certain civilian energy programs for fiscal years 1985 and 1986, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

MADIGAN, Edward R. of Illinois

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

MARKEY, Edward J. of Massachusetts

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

MARLENEE, Ron of Montana

H.R. 674 To repeal the Metric Conversion Act of 1975 (15 U.S.C. 205a et seq.).

MARRIOTT, Dan of Utah

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 3717 To strengthen national minerals and materials policy coordination, and for other purposes.

MARTIN, James G. of North Carolina

H.R. 3840 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to protection of human life, health, and the environment.

H.R. 3976 To provide for the establishment of a Central Board of Scientific Risk Assessment as a means of improving the scientific review and evaluation of risk assessments made by Federal agencies, with particular emphasis upon risk assessments involving issues of chronic health hazards.

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

MARTIN, Lynn of Illinois

H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

MARTINEZ, Matthew G. of California

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.

H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

MATSUI, Robert T. of California

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.
H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.
H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

MAVROULES, Nicholas of Massachusetts

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.
H.R. 4392 To provide for an accelerated program of research, development, and demonstration with repect to the production of electricity from magnetohydrodynamics, leading to the construction and operation of at least one major proof of concept demonstration project in connection with an existing electric powerplant, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

MAZZOLI, Romano L. of Kentucky

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

MICHEL, Robert H. of Illinois

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

MIKULSKI, Barbara A. of Maryland

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.
H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.
H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

MILLER, Clarence E. of Ohio

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

MILLER, George of California

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

MILLER, George of California—Continued

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

MINETA, Norman Y. of California

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4186 To provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, and for other purposes.

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 5154 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.

H.R. 5172 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985 and for related purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

MINISH, Joseph G. of New Jersey

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.

MITCHELL, Parren J. of Maryland

H.R. 383 To provide for an accelerated program for the recovery of energy from municipal wastes, and for other purposes.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

MOAKLEY, Joe of Massachusetts

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

MOAKLEY, Joe of Massachusetts—Continued

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4392 To provide for an accelerated program of research, development, and demonstration with repect to the production of electricity from magnetohydrodynamics, leading to the construction and operation of at least one major proof of concept demonstration project in connection with an existing electric powerplant, and for other purposes.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

MOLLOHAN, Alan B. of West Virginia

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.
H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

MONTGOMERY, G.V. (Sonny) of Mississippi

H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.

MOODY, Jim of Wisconsin

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

MORRISON, Bruce A. of Connecticut

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

MORRISON, Sid of Washington

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

MRAZEK, Robert J. of New York

H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.
H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

MURPHY, Austin J. of Pennsylvania

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.
H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

MURPHY, Austin J. of Pennsylvania—Continued

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 5044 To establish a national coal science, technology, and engineering development program.
H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

MURTHA, John P. of Pennsylvania

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 5044 To establish a national coal science, technology, and engineering development program.
H.R. 5592 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.
H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

MYERS, John T. of Indiana

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

NATCHER, William H. of Kentucky

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

NEAL, Stephen L. of North Carolina

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

NELSON, Bill of Florida

H.R. 481 To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.
H.R. 582 To provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.
H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.
H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.
H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.R. 5154 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.
H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

NELSON, Bill of Florida—Continued

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

NICHOLS, Bill of Alabama

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

NIELSON, Howard C. of Utah

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

NOWAK, Henry J. of New York

H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

OAKAR, Mary Rose of Ohio

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 2656 To authorize the National Science Foundation to provide assistance for a program for visiting faculty exchanges and institutional development in the fields of mathematics, science, and engineering, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

OBERSTAR, James L. of Minnesota

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1952 To allow businesses to jointly perform research and development.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

OBEY, David R. of Wisconsin

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

OLIN, James R. "Jim" of Virginia

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

ORTIZ, Solomon P. of Texas

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

OTTINGER, Richard L. of New York

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

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OTTINGER, Richard L. of New York—Continued

H.R. 5048 To authorize appropriations for the Department of Energy for civilian applications for fiscal years 1985 and 1986, and for other purposes.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

OWENS, Major R. of New York

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.
H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

OXLEY, Michael G. of Ohio

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

PANETTA, Leon E. of California

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

PARRIS, Stanford E. of Virginia

H.R. 2514 To enhance the transfer of technical information to industry, business, and the general public by amending the Act of September 9, 1950 (15 U.S.C. 1151 et seq.), to establish a Technical Information Clearinghouse Fund, and for other purposes.

PASHAYAN, Charles, Jr. of California

H.R. 2525 To establish a National Commission on Technological Innovation and Industrial Modernization.
H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

PATTERSON, Jerry M. of California

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 2633 To promote the development of research, experimentation and testing that minimize the use of, and pain and suffering to, live animals.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

PAUL, Ron of Texas

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

PEASE, Donald J. of Ohio

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

PENNY, Timothy J. of Minnesota

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

PEPPER, Claude of Florida

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

PERKINS, Carl D. of Kentucky

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.
H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 5592 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

PETRI, Thomas E. of Wisconsin

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

PICKLE, J.J. of Texas

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

PORTER, John Edward of Illinois

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

PRICE, Melvin of Illinois

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.
H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

PRITCHARD, Joel of Washington

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.
H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

PURSELL, Carl D. of Michigan

H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

QUILLEN, James H. (Jimmy) of Tennessee

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

RAHALL, Nick Joe, II of West Virginia

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.

H.R. 5044 To establish a national coal science, technology, and engineering development program.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

RANGEL, Charles B. of New York

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

RATCHFORD, William R. of Connecticut

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4392 To provide for an accelerated program of research, development, and demonstration with repect to the production of electricity from magnetohydrodynamics, leading to the construction and operation of at least one major proof of concept demonstration project in connection with an existing electric powerplant, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

RAY, Richard of Georgia

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

REGULA, Ralph of Ohio

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

REID, Harry of Nevada

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 2513 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1984, and for other purposes.

H.R. 2514 To enhance the transfer of technical information to industry, business, and the general public by amending the Act of September 9, 1950 (15 U.S.C. 1151 et seq.), to establish a Technical Information Clearinghouse Fund, and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5172 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985 and for related purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

RICHARDSON, Bill of New Mexico

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4392 To provide for an accelerated program of research, development, and demonstration with repect to the production of electricity from magnetohydrodynamics, leading to the construction and operation of at least one major proof of concept demonstration project in connection with an existing electric powerplant, and for other purposes.

H.R. 5044 To establish a national coal science, technology, and engineering development program.

H.R. 5369 To authorize appropriations for the Department of Energy for certain civilian energy programs for fiscal years 1985 and 1986, and for other purposes.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

RICHARDSON, Bill of New Mexico—Continued

H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.

H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

RIDGE, Thomas J. of Pennsylvania

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

RINALDO, Matthew J. of New Jersey

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

RITTER, Donald Lawrence of Pennsylvania

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 3840 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to protection of human life, health, and the environment.

H.R. 3976 To provide for the establishment of a Central Board of Scientific Risk Assessment as a means of improving the scientific review and evaluation of risk assessments made by Federal agencies, with particular emphasis upon risk assessments involving issues of chronic health hazards.

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

ROBERTS, Pat of Kansas

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

RODINO, Peter W., Jr. of New Jersey

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

ROE, Robert A. of New Jersey

H.R. 320 To stimulate research and development aimed at the production of gasohol as an alternative energy source by establishing national demonstration facilities for the conversion of garbage and other solid wastes into fuels, to be constructed by the Secretary of Energy under the Federal Nonnuclear Energy Research and Development Act of 1974.

H.R. 321 To provide for an accelerated program of wind energy research development, and demonstration, to be carried out by the Department of Energy with the support of the National Aeronautics and Space Administration and other federal agencies.

H.R. 322 To provide for a research, development, and evaluation program to determine the feasibility of collecting in space solar energy to be transmitted to Earth and to generate electricity for domestic purposes.

H.R. 323 To establish a program to promote the utilization of spinoffs from space technology in meeting the needs and alleviating the suffering of the elderly.

H.R. 383 To provide for an accelerated program for the recovery of energy from municipal wastes, and for other purposes.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 1954 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.

H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

ROEMER, Buddy of Louisiana

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

ROGERS, Harold of Kentucky

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

ROSE, Charles of North Carolina

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

ROTH, Toby of Wisconsin

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

ROUKEMA, Marge of New Jersey

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

ROWLAND, J. Roy of Georgia

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

RUDD, Eldon of Arizona

H.R. 674 To repeal the Metric Conversion Act of 1975 (15 U.S.C. 205a et seq.).

RUSSO, Martin A. of Illinois

H.R. 383 To provide for an accelerated program for the recovery of energy from municipal wastes, and for other purposes.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

SABO, Martin Olav of Minnesota

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

ST GERMAIN, Fernand J. of Rhode Island

H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.

SAVAGE, Gus of Illinois

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

SAWYER, Harold S. of Michigan

H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

SCHEUER, James H. of New York

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1545 To amend the National Climate Program Act to authorize appropriations for such Act for fiscal years 1984 and 1985 and for other purposes.

H.R. 1546 To amend the National Ocean Pollution Planning Act of 1978 to authorize appropriations for such Act for fiscal years 1984 and 1985.

H.R. 1547 To amend the Marine Protection, Research, and Sanctuaries Act of 1972 to authorize appropriations for such Act for fiscal years 1984 and 1985 and for other purposes.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 2899 To authorize appropriations for environmental research, development, and demonstration for the fiscal years 1984 and 1985, and for other purposes.

H.R. 2900 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.

H.R. 3355 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal, and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

H.R. 3597 To authorize appropriations for atmospheric, climatic, and ocean research activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.

SCHEUER, James H. of New York—Continued

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4186 To provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, and for other purposes.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.R. 5958 To provide for improvements in the Nation's environmental monitoring programs, to establish a National Commission on Environmental Monitoring, and to enhance United States participation in international monitoring programs.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.
H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

SCHNEIDER, Claudine of Rhode Island

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.
H.R. 3597 To authorize appropriations for atmospheric, climatic, and ocean research activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

SCHROEDER, Patricia of Colorado

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

SCHUMER, Charles E. of New York

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

SEIBERLING, John F. of Ohio

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

SENSENBRENNER, F. James, Jr. of Wisconsin

H.R. 3393 To modify the operation of Federal and State antitrust laws for the conducting of certain research and development activities jointly, and for other purposes.
H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

SENSENBRENNER, F. James, Jr. of Wisconsin—Continued

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.R. 5003 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development, and for other purposes.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

SHANNON, James M. of Massachusetts

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

SHARP, Philip R. of Indiana

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

SHELBY, Richard C. of Alabama

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

SHUSTER, Bud of Pennsylvania

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

SIKORSKI, Gerry of Minnesota

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

SILJANDER, Mark D. of Michigan

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 6325 To provide for coordinated management and rehabilitation of the Great Lakes, and for other purposes.

SIMON, Paul of Illinois

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

SIMON, Paul of Illinois—Continued

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

SKEEN, Joe, of New Mexico

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.
H.R. 4822 To amend the National Science Foundation Act of 1950 to provide for the initiation and support of research fundamental to the engineering process in order to strengthen engineering research and engineering education, and to make changes in the organization and nomenclature of the Foundation to reflect the new essential emphasis on engineering.
H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.
H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

SKELTON, Ike of Missouri

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 2507 Relating to the transfer of civil land remote sensing space satellite systems, meteorological satellite systems, and oceanographic satellite systems to the private sector.
H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.
H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

SLATTERY, Jim of Kansas

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

SMITH, Christopher H. of New Jersey

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
H.R. 2633 To promote the development of research, experimentation and testing that minimize the use of, and pain and suffering to, live animals.
H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

SMITH, Larry of Florida

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.
H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4432 To establish as an executive department of the United States Government a Department of Commerce and Trade, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.
H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.
H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

SMITH, Virginia of Nebraska

H.R. 2245 To establish objective criteria and procedures for closing and consolidating weather stations.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

SNOWE, Olympia J. of Maine

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

SNYDER, Gene of Kentucky

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

SOLARZ, Stephen J. of New York

H.R. 2365 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend certain provisions of the law relating to programs for arson investigation, prevention, and detection, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

SOLOMON, Gerald B.H. of New York

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

SPRATT, John of South Carolina

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

STAGGERS, Harley O., Jr. of West Virginia

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.
H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

STARK, Fortney H. (Pete) of California

H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.Con.Res. 318 Expressing the sense of Congress that the Department of Energy and American industry should work together in developing a national fusion program.

STENHOLM, Charles W. of Texas

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

STOKES, Louis of Ohio

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.
H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.
H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

STOKES, Louis of Ohio—Continued

H.R. 4432 To establish as an executive department of the United States Government a Department of Commerce and Trade, and for other purposes.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

STUDDS, Gerry E. of Massachusetts

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

STUMP, Bob of Arizona

H.R. 1745 To repeal the Metric Conversion Act of 1975 (89 Stat. 1007).

SUNIA, Fofo I.F. of American Somoa

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

SWIFT, Al of Washington

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

SYNAR, Mike of Oklahoma

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

TALLON, Robin of South Carolina

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

TAUKE, Thomas J. of Iowa

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

TAUKE, Thomas J. of Iowa—Continued

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

TAUZIN, W.J. (Billy) of Louisiana

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

TAYLOR, Gene of Missouri

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

THOMAS, Robert Lindsay of Georgia

H.R. 4432 To establish as an executive department of the United States Government a Department of Commerce and Trade, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

TORRES, Esteban Edward of California

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.
H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.

TORRICELLI, Robert G. of New Jersey

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.
H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.
H.R. 2465 To authorize appropriations for the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 for fiscal year 1984 and fiscal year 1985, and for other purposes.
H.R. 2513 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1984, and for other purposes.
H.R. 2514 To enhance the transfer of technical information to industry, business, and the general public by amending the Act of September 9, 1950 (15 U.S.C. 1151 et seq.), to establish a Technical Information Clearinghouse Fund, and for other purposes.
H.R. 2899 To authorize appropriations for environmental research, development, and demonstration for the fiscal years 1984 and 1985, and for other purposes.
H.R. 2900 To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, and for other purposes.
H.R. 3355 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal, and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.R. 5154 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.
H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.
H.R. 5172 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985 and for related purposes.
H.R. 5958 To provide for improvements in the Nation's environmental monitoring programs, to establish a National Commission on Environmental Monitoring, and to enhance United States participation in international monitoring programs.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

TOWNS, Edolphus of New York

H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.

TOWNS, Edolphus of New York—Continued

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4432 To establish as an executive department of the United States Government a Department of Commerce and Trade, and for other purposes.
H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

TRAXLER, Bob of Michigan

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

UDALL, Morris K. of Arizona

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.
H.R. 5369 To authorize appropriations for the Department of Energy for certain civilian energy programs for fiscal years 1985 and 1986, and for other purposes.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.
H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.
H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

VALENTINE, Tim of North Carolina

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

VANDERGRIFF, Tom of Texas

H.R. 674 To repeal the Metric Conversion Act of 1975 (15 U.S.C. 205a et seq.).
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.
H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

VANDER JAGT, Guy of Michigan

H.R. 2525 To establish a National Commission on Technologic Innovation and Industrial Modernization.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

VENTO, Bruce F. of Minnesota

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.
H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.R. 4361 To promote the commercial application and diffusion of advanced technology within industrial sectors.
H.R. 4392 To provide for an accelerated program of research, development, and demonstration with repect to the production of electricity from magnetohydrodynamics, leading to the construction and operation of at least one major proof of concept demonstration project in connection with an existing electric powerplant, and for other purposes.

VENTO, Bruce F. of Minnesota—Continued

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

VOLKMER, Harold L. of Missouri

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 1954 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4822 To amend the National Science Foundation Act of 1950 to provide for the initiation and support of research fundamental to the engineering process in order to strengthen engineering research and engineering education, and to make changes in the organization and nomenclature of the Foundation to reflect the new essential emphasis on engineering.

H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 5154 To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, and for other purposes.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

VUCANOVICH, Barbara of Nevada

H.R. 3717 To strengthen national minerals and materials policy coordination, and for other purposes.

WALGREN, Doug of Pennsylvania

H.R. 480 To maintain and enhance the United States' leadership in information science and technology by establishing an Institute for Information Policy and Research to address national information policy issues; to provide a forum for the interaction of government, industry and commerce, and educational interests in the formulation of national information policy options; to provide a focus and mechanism for planning and coordinating Federal research and development activities related to information science and technology; and to amend the National Science and Technology Policy, Organization, and Priorities Act of 1976 to create a new position of Special Assistant for Information Technology and Science Information.

H.R. 481 To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.

H.R. 582 To provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 2414 To authorize appropriations for activities under the Federal Fire Prevention and Control Act of 1974, and for other purposes.

H.R. 2415 To amend section 7 of the Earthquake Hazards Reduction Act of 1977 (42 U.S.C. 7706) to extend authorizations for appropriations, and for other purposes.

H.R. 2465 To authorize appropriations for the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 for fiscal year 1984 and fiscal year 1985, and for other purposes.

H.R. 2513 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal year 1984, and for other purposes.

H.R. 2514 To enhance the transfer of technical information to industry, business, and the general public by amending the Act of September 9, 1950 (15 U.S.C. 1151 et seq.), to establish a Technical Information Clearinghouse Fund, and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 3840 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to protection of human life, health, and the environment.

H.R. 3976 To provide for the establishment of a Central Board of Scientific Risk Assessment as a means of improving the scientific review and evaluation of risk assessments made by Federal agencies, with particular emphasis upon risk assessments involving issues of chronic health hazards.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.

WALGREN, Doug of Pennsylvania—Continued

H.R. 4186 To provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, and for other purposes.

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 5003 To establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development, and for other purposes.

H.R. 5044 To establish a national coal science, technology, and engineering development program.

H.R. 5101 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985, and for related purposes.

H.R. 5172 To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985 and for related purposes.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

H.R. 6140 To promote the resolution of problems affecting the domestic steel industry by establishing an advisory council to advise the President on modernization in the steel industry, propose technological solutions to problems in such industry, and perform other functions.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

WALKER, Robert S. of Pennsylvania

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 2065 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

WASHINGTON, Harold of Illinois

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

WATKINS, Wes of Oklahoma

H.R. 481 To advance the national prosperity and welfare, to establish a National Technology Foundation, and for other purposes.

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 4862 To establish as an executive department of the Government a Department of International Trade and Industry, to establish the National Oceanic and Atmospheric Administration and the Bureau of the Census as independent agencies, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

WAXMAN, Henry A. of California

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4245 To advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, and for other purposes.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

WEAVER, James of Oregon

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

WEAVER, James of Oregon—Continued

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

WEBER, Vin of Minnesota

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

WEISS, Ted of New York

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft.

WHEAT, Alan of Missouri

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

WHITEHURST, G. William of Virginia

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 3073 To implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete.

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.

H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.

WHITLEY, Charles of North Carolina

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

WHITTAKER, Robert (Bob) of Kansas

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

WILLIAMS, Lyle of Ohio

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 4182 To establish a National Coal Science, Technology, and Engineering Development Program.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

WILLIAMS, Pat of Montana

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4392 To provide for an accelerated program of research, development, and demonstration with repect to the production of electricity from magnetohydrodynamics, leading to the construction and operation of at least one major proof of concept demonstration project in connection with an existing electric powerplant, and for other purposes.

H.R. 4432 To establish as an executive department of the United States Government a Department of Commerce and Trade, and for other purposes.

WILSON, Charles of Texas

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

WILSON, Charles of Texas—Continued

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

WINN, Larry, Jr. of Kansas

H.R. 1954 To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

H.R. 3840 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to protection of human life, health, and the environment.

H.R. 3976 To provide for the establishment of a Central Board of Scientific Risk Assessment as a means of improving the scientific review and evaluation of risk assessments made by Federal agencies, with particular emphasis upon risk assessments involving issues of chronic health hazards.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.R. 4836 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 5155 To establish a system to promote the use of land remote-sensing satellite data, and for other purposes.

H.R. 6407 Entitled the "Value Engineering Council Act of 1984".

H.Con.Res. 257 To reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process.

WIRTH, Timothy E. of Colorado

H.R. 1310 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, and for other purposes.

H.R. 1595 To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources.

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.

H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 365 Expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program.

WISE, Bob of West Virginia

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.

H.R. 4060 To amend the United States Synthetic Fuels Corporation Act to support synthetic fuel research and development.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

WOLF, Frank R. of Virginia

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

WOLPE, Howard of Michigan

H.R. 1599 To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers.

H.R. 3032 To amend the authority for the Clinch River Breeder Reactor Project, to authorize appropriations to the Department of Energy for the Clinch River Breeder Reactor Project for fiscal years 1984 through 1990, and for other purposes.

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 5893 Imposing certain limitations on the United States Synthetic Fuels Corporation, and for other purposes.

WON PAT, Antonio Borja of Guam

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.

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WON PAT, Antonio Borja of Guam—Continued

H.R. 3381 To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal and atmospheric resources; to provide for the delivery of ocean and atmospheric related services; and for other purposes.
H.R. 3750 To provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary school students and their teachers, and for other purposes.
H.R. 3942 To provide for commercialization of expendable launch vehicles and associated services.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
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H.Con.Res. 217 Endorsing the recommendations of the Solar System Exploration Committee for the continued exploration of the solar system by the United States.
H.Con.Res. 218 Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's.

WORTLEY, George C. of New York

H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
H.R. 3781 To establish an Interagency Committee on Arson Control to coordinate Federal anti-arson programs, to amend various provisions of the law relating to programs for arson investigation, prevention, detection and prosecution, and for other purposes.
H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

WRIGHT, Jim of Texas

H.R. 4030 To authorize the continuation of the land remote sensing satellite program (LANDSAT), and to ensure the United States role as the world leader in developing and utilizing land remote sensing space technology through the LANDSAT program.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

WYDEN, Ron of Oregon

H.R. 1952 To allow businesses to jointly perform research and development.
H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

WYLIE, Chalmers P. of Ohio

H.R. 3681 To authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes.

YATRON, Gus of Pennsylvania

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.
H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

YOUNG, C.W. Bill of Florida

H.R. 4098 To prohibit the United States Synthetic Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in Energy Security Act) is approved.

YOUNG, Don of Alaska

H.R. 1405 To provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity.
H.R. 2292 To provide comprehensive national policy dealing with national needs and objectives in the Arctic.
H.R. 2483 To amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements.
H.R. 3717 To strengthen national minerals and materials policy coordination, and for other purposes.
H.R. 4186 To provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, and for other purposes.
H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

YOUNG, Robert A. of Missouri

H.R. 1011 To provide encouragement and necessary regulation for the commercial development of space.
H.R. 1699 To provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide cost sharing by the private sector in training such personnel; to encourage creation of new engineering, technical, and scientific jobs; and for other purposes.
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H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.
H.R. 4186 To provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, and for other purposes.

YOUNG, Robert A. of Missouri—Continued

H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.R. 4684 To establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such Program and plan.

H.R. 5593 To authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies.

H.Con.Res. 168 Expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector.

H.Con.Res. 360 Declaring a U.S. commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are U.S. polar-orbiting spacecraft.

ZSCHAU, Ed of California

H.R. 1952 To allow businesses to jointly perform research and development.

H.R. 3840 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to protection of human life, health, and the environment.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

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H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft. development.

H.R. 3840 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to protection of human life, health, and the environment.

H.R. 4043 To modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes.

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H.R. 4192 To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards.

H.Con.Res. 190 Expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science

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Chesapeake and Narragansett Bays, to amend the Federal Water Pollution Control Act to provide for the enhanced water quality of the Chesapeake and Narragansett Bays, H.R. 4108, by Mr. Dyson.

Civil land remote-sensing systems, relating to the transfer of civil land remote-sensing space satellite systems and meteorological satellite systems to the private sector, H.R. 1958, by Mr. Dyson.

Civil meteorological satellite systems, expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector, H.Con.Res. 168, by Mr. Andrews of Texas; S.Con.Res. 67.

Clinch River Breeder Reactor, to authorize appropriations to the Department of Energy for the Clinch River Breeder Reactor Research and Development Project for fiscal years 1984 through 1990, H.R. 2455, by Mrs. Lloyd.

Clinch River Breeder Reactor, to amend the authority for the Clinch River breeder reactor project, to authorize appropriations to the Department of Energy for the Clinch River breeder reactor project for fiscal years 1984 through 1990, H.R. 3032, by Mr. Wolpe.

Climate, to amend the National Climate Program Act to authorize appropriations for such Act for fiscal years 1984 and 1985, H.R. 1545, by Mr. Scheuer.

C—Continued

Coal science, to establish a national coal science, technology and engineering development program, H.R. 4182, by Mr. Rahall; H.R. 5044, by Mr. Walgren.

Coal production and utilization technologies, to authorize a program to demonstrate advanced coal production and utilization technologies for reducing air pollution from coal-burning electric powerplants, including emissions that may potentially be contributing to acid rain, and to demonstrate advanced coal combustion and conversion technologies, H.R. 5592, H.R. 5593, by Mrs. Lloyd.

Congressional review, to terminate certain authority of the executive branch of the Government which is subject to congressional review unless that authority is approved by an enactment of the Congress, H.R. 5259, H.R. 5319, by Mr. Levitas.

Congressional review, to terminate certain authorities of the executive branch of the Government which are subject to congressional review unless those authorities are approved by an enactment of the Congress, H.R. 5333, by Mr. Levitas.

Commerce, to establish as an executive department of the United States Government a Department of Commerce and Trade, H.R. 4432, by Mr. Bonker.

Commercial development of space, to provide encouragement and necessary regulation for the commercial development of space, H.R. 1011, by Mr. Akaka.

Competitiveness, to authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, H.R. 3681, by Mr. McKinney.

Computer literacy, to provide assistance to local educational agencies and institutions of higher education to promote computer literacy among elementary and secondary students and their teachers, H.R. 3750, by Mr. Wirth.

Collision avoidance, to amend section 312(c) of the Federal Aviation Act of 1958, relating to research and development, to require the Secretary of Transportation to assure the development of a collision avoidance system for use on all civil and military aircraft of the United States in the interest of air safety, H.R. 3794, by Mr. Burton of Indiana.

Critical materials, to provide for a National Critical Materials Council, for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, H.R. 4186, by Mr. Glickman.

D

Department of Commerce and Trade, to establish as an executive department of the United States Government a Department of Commerce and Trade, H.R. 4432, by Mr. Bonker.

Department of International Trade and Industry, to establish as an executive department of the Government a Department of International Trade and Industry, to establish the National Oceanic and Atmospheric Administration and the Bureau of the Census as independent agencies, H.R. 4862, by Mr. Watkins.

DEPARTMENT OF ENERGY

To stimulate research and development aimed at the production of gasohol as an alternative energy source by establishing national demonstration facilities for the conversion of garbage and other solid wastes into fuels, to be constructed by the Secretary of Energy under the Federal Nonnuclear Energy Research and Development Act of 1974, H.R. 320, by Mr. Roe.

To provide for an accelerated program of wind energy research, development, and demonstration, to be carried out by the Department of Energy with the support of the National Aeronautics and Space Administration and other Federal agencies, H.R. 321, by Mr. Roe.

To provide for a research, development, and evaluation program to determine the feasibility of collecting in space solar energy to be transmitted to Earth and to generate electricity for domestic purposes, H.R. 322, by Mr. Roe.

To provide for an accelerated program for the recovery of energy from municipal wastes, H.R. 383, by Mr. Roe.

To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers, H.R. 1599, by Mr. Neal.

To authorize appropriations to the Department of Energy for civilian research and development programs for fiscal year 1984, H.R. 2587, by Mr. Fuqua.

To authorize appropriations to the Department of Energy for the Clinch River Breeder Reactor Research and Development Project for fiscal years 1984 through 1990, H.R. 2455, by Mrs. Lloyd.

To amend the authority for the Clinch River breeder reactor project, to authorize appropriations to the Department of Energy for the Clinch River breeder reactor project for fiscal years 1984 through 1990, H.R. 3032, by Mr. Wolpe.

To authorize appropriations for the Department of Energy for civilian applications for fiscal years 1985 and 1986, H.R. 5048, by Mr. Ottinger.

To authorize appropriations to the Department of Energy for civilian research and development programs for fiscal years 1985, 1986, and 1987, H.R. 5244, by Mr. Fuqua.

To authorize appropriations to the Department of Energy for civilian energy programs for fiscal years 1985, 1986, and 1987, H.R. 5245, by Mr. Fuqua.

Expressing the sense of Congress that the Department of Energy and American industry should work together in developing a national fusion program, H.Con.Res. 318, by Mr. Stark.

DEPARTMENT OF ENERGY—Continued

To authorize appropriations for the Department of Energy for certain civilian energy programs for fiscal years 1985 and 1986, H.R. 5369, by Mr. Udall.

Design Council, to establish a United States Design Council within the Department of Commerce, H.R. 2907, by Mr. Dymally.

E

Earthquake hazards, to amend section 7 of the Earthquake Hazards Reduction Act of 1977 (42 U.S.C. 7706) to extend authorizations for appropriations, H.R. 2415, by Mr. Walgren; S.820.

Earthquake hazards, to authorize appropriations for the Earthquake Hazards Reduction Act of 1977 and the Federal Fire Prevention and Control Act of 1974 for fiscal year 1984 and fiscal year 1985, H.R. 2465, by Mr. Walgren.

Economically strategic technologies, to provide for a study on economically strategic technologies and to identify and provide for the development of such technologies, H.R. 1243, by Mr. Brown of California.

Education, to amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements, H.R. 2483, by Mr. LaFalce.

Emergency mathematics and science education, to provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical and scientific personnel; to provide for cost-sharing by the private sector in training such personnel, H.R. 1310; H.R. 1699, by Mr. Perkins.

Engineering, entitled, the "Value Engineering Act of 1984, H.R. 6407, by Mr. Winn.

ENERGY

To stimulate research and development aimed at the production of gasohol as an alternative energy source by establishing national demonstration facilities for the conversion of garbage and other solid wastes into fuels, to be constructed by the Secretary of Energy under the Federal Nonnuclear Energy Research and Development Act of 1974, H.R. 320, by Mr. Roe.

To provide for an accelerated program of wind energy research, development, and demonstration, to be carried out by the Department of Energy with the support of the National Aeronautics and Space Administration and other Federal agencies, H.R. 321, by Mr. Roe.

To provide for a research, development, and evaluation program to determine the feasibility of collecting in space solar energy to be transmitted to Earth and to generate electricity for domestic purposes, H.R. 322, by Mr. Roe.

To provide for an accelerated program for the recovery of energy from municipal wastes, H.R. 383, by Mr. Roe.

To amend, extend, and enhance the renewable energy and conservation programs of the United States in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources, H.R. 1595, by Mr. Wirth.

To reauthorize, extend, and enhance existing Federal programs to encourage conservation and the use of renewable energy by this Nation's consumers, H.R. 1599, by Mr. Neal.

To establish a uranium enrichment fund, H.R. 2210, by Mr. McEwen.

To authorize appropriations to the Department of Energy for civilian research and development programs for fiscal year 1984, H.R. 2587, by Mr. Fuqua.

To amend the authority for the Clinch River breeder reactor project, to authorize appropriations to the Department of Energy for the Clinch River breeder reactor project for fiscal years 1984 through 1990, H.R. 3032, by Mr. Wolpe.

To authorize a grant to the Willard Frank Libby Foundation for energy and science related grants, H.R. 3786, by Mr. Brown of California.

To authorize appropriations for the Department of Energy for civilian applications for fiscal years 1985 and 1986, H.R. 5048, by Mr. Ottinger.

To authorize appropriations to the Department of Energy for civilian research and development programs for fiscal years 1985, 1986, 1987, H.R. 5244, by Mr. Fuqua.

To authorize appropriations to the Department of Energy for civilian energy programs for fiscal years 1985, 1986, and 1987, H.R. 5245, by Mr. Fuqua.

ENVIRONMENTAL PROTECTION AGENCY

To authorize appropriations for environmental research, development, and demonstration for the fiscal years 1984 and 1985, H.R. 2899, by Mr. Scheuer.

Engineering personnel, to provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, H.R. 582, by Mr. Fuqua; H.R. 1310, H.R. 1699, by Mr. Perkins.

E—Continued

Engineering research and education, to amend the National Science Foundation Act of 1950 to provide for the initiation and support of research fundamental to the engineering process in order to strengthen research and engineering education, and to make changes in the organization and nomenclature of the Foundation to reflect the new essential emphasis on engineering, H.R. 4822, by Mr. Brown of California.

Environmental monitoring, to provide for improvements in the Nation's environmental monitoring programs, to establish a National Commission on Environmental Monitoring, and to enhance United States participation in international monitoring programs, H.R. 5958, by Mr. Scheuer.

Expendable launch vehicles, to provide for commercialization of expendable launch vehicles and associated services, H.R. 3942, by Mr. Akaka.

F

Federal Oil and Gas Corporation, to establish a Federal Oil and Gas Corporation, H.R. 20, by Mr. Kastenmeier.

Federal Water Pollution Control Act, to amend the Federal Water Pollution Control Act to provide for the enhanced water quality of the Chesapeake and Narragansett Bays, H.R. 4108, by Mr. Dyson.

Fire prevention and control, to authorize appropriations for activities under the Federal Fire Prevention and Control Act of 1974, H.R. 2414, by Mr. Walgren; S.809.

Fusion program, expressing the sense of Congress that the Department of Energy and American industry should work together in developing a national fusion program, H.Con.Res. 318, by Mr. Stark.

G

Gasohol, to stimulate research and development aimed at the production of gasohol as an alternative energy source by establishing national demonstration facilities for the conversion of garbage and other solid wastes into fuels, to be constructed by the Secretary of Energy under the Federal Nonnuclear Energy Research and Development Act of 1974, H.R. 320, by Mr. Roe.

Global positioning system, expressing the sense of the Congress that the Secretary of Transportation should submit to the Committee on Science and Technology of the House of Representatives and the Committeee on Commerce, Science and Transportation of the Senate full research and development program planning documentation leading to expedited use by the civilian sector of certain satellite-directed navigational aids developed by the Department of Defense for the guidance of aircraft, H.Con.Res. 190, by Mr. Glickman.

Great Lakes, to authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, H.R. 2800, by Mr. Hertel of Michigan.

Great Lakes, to provide for coordinated management and rehabiitation of the Great Lakes, H.R. 6325, by Mr. Siljander.

Guayule research, to extend and improve the existing program of research, development, and demonstration in the production and manufacture of guayule rubber, and to broaden such program to include other critical agricultural materials, H.R. 2733, by Mr. Brown of California.

H

I

Institute for Information Policy and Research, to maintain and enhance the United States leadership in information science and technology by establishing an Institute for Information and Policy and Research to address national information policy issues; to provide a forum for the interaction of government, industry and commerce, and educational interests in the formulation of national information policy options; to provide a focus and mechanism for planning and coordinating Federal research and development activities related to information science and technology; and to amend the National Science and Technology Policy, Organization, and Priorities Act of 1976 to create a new position of Special Assistant for Information Technology and Science Information, H.R. 480, by Mr. Brown of California.

International competitiveness, to authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes, H.R. 3681, by Mr. McKinney.

J

Joint R&D ventures, to modify the operation of Federal and State antitrust laws for the conducting of certain research and development activities jointly, H.R. 3393, by Mr. Sensenbrenner; H.R. 4043, by Mr. Fuqua.

K

L

Land remote-sensing satellite, to establish a system to promote the use of land remote-sensing satellite data, H.R. 4836; H.R. 5155, by Mr. Fuqua.

M

Magnetohydrodynamics, to provide for an accelerated program of research, development, and demonstration with respect to the production of electricity from magnetohydrodynamics, leading to the construction and operation of at least one major proof of concept demonstration project in connection with an existing electric powerplant, H.R. 4392, by Mr. Mavroules.

Manufacturing technologies, to establish a program to conduct research and development for improved manufacturing technologies, H.R. 4415, by Mr. Fuqua; S.1286.

Marine protection research, to amend the Marine Protection, Research, and Sanctuaries Act of 1972 to authorize appropriations for such Act for fiscal years 1984 and 1985, H.R. 1547, by Mr. Scheuer.

Materials, to provide for a National Critical Materials Council for development of a continuing and comprehensive national materials policy, for programs necessary to carry out that policy, including Federal programs of advanced materials research and technology, and for innovation in basic materials industries, H.R. 4186, by Mr. Glickman.

Mathematics and science education, to provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical and scientific personnel; to provide for cost-sharing by the private sector in training such personnel, H.R. 1310, H.R. 1699, by Mr. Perkins.

METRIC CONVERSION

To amend the Metric Conversion Act of 1975 to provide that the functions of the Federal Government with respect to the metric system shall be limited to coordinating the conversion to such system in areas or industries which desire it, and keeping the public informed thereon, without encouraging in any way the adoption or use of such system, H.R. 530, by Mr. Philip M. Crane.

To repeal the Metric Conversion Act of 1975, H.R. 674, by Mr. Rudd; H.R. 1745, by Mr. Stump.

To provide for an independent evalution of the impact of metric conversion on the United States, H.R. 4490, by Mr. Brown of California.

Mineral conservation R&D, to establish the Mineral Conservation Research and Development Commission within the National Science Foundation, and to provide for the inventory of major nonfuel raw materials and the development of substitute materials, H.R. 495, by Mr. Chappell.

Minerals and materials policy, to strengthen national minerals and materials policy coordination, and for other purposes, H.R. 3717, by Mr. Marriott.

N

Narragansett and Chesapeake Bays, to amend the Federal Water Pollution Control Act to provide for the enhanced water quality of the Chesapeake and Narragansett Bays, H.R. 4108, by Mr. Dyson.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

To provide for an accelerated program of wind energy research, development, and demonstration, to be carried out by the Department of Energy with the support of the National Aeronautics and Space Administration and other Federal agencies, H.R. 321, by Mr. Roe.

To provide for a research, development, and evaluation program to determine the feasibility of collecting in space solar energy to be transmitted to Earth and to generate electricity for domestic purposes, H.R. 322, by Mr. Roe.

To establish a program to promote the utilization of spinoffs from space technology in meeting the needs and alleviating the suffering of the elderly, H.R. 323, by Mr. Roe.

To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, H.R. 1954, by Mr. Volkmer, H.R. 2065, by Mr. Fuqua.

To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, H.R. 4797, by Mr. Fuqua.

To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, H.R. 5154, by Mr. Fuqua.

NATIONAL BUREAU OF STANDARDS

To authorize appropriations to the Secretary of Commerce for the programs of the National Bureau of Standards for fiscal years 1984 and 1985, H.R. 1996, by Mr. Fuqua; S.821; H.R. 2513; H.R. 5101; H.R. 5172, by Mr. Walgren.

National climate program, to amend the National Climate Program Act to authorize appropriations for such Act for fiscal years 1984 and 1985, H.R. 1545, by Mr. Scheuer.

National Defense Education Act, to amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements, H.R. 2483, by Mr. LaFalce.

National minerals and materials policy, to strengthen national minerals and materials policy coordination, and for other purposes, H.R. 3717, by Mr. Marriott.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

To amend the National Ocean Pollution Planning Act of 1978 to authorize appropriations for such Act for fiscal years 1984 and 1985, H.R. 1546, by Mr. Scheuer.

To authorize appropriations for atmospheric, climatic, and ocean pollution activities of the National Oceanic and Atmospheric Administration for the fiscal years 1984 and 1985, H.R. 2800, by Mr. Hertel of Michigan; H.R. 2900, by Mr. Scheuer; H.R. 3597, by Mr. Fuqua.

To establish the National Oceanic and Atmospheric Administration; to provide for the management, protection, conservation, development, and study of ocean, coastal, and atmospheric resources; to provide for the delivery of ocean and atmospheric related services, H.R. 3355, by Mr. Scheuer; H.R. 3381, by Mr. Sensenbrenner.

To establish as an executive department of the Government a Department of International Trade and Industry, to establish the National Oceanic and Atmospheric Administration and the Bureau of the Census as independent agencies, H.R. 4862, by Mr. Watkins.

National Professions and Technology Foundation, to advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, H.R. 4245, by Mr. Brown of California.

NATIONAL SCIENCE FOUNDATION

To establish the Mineral Conservation Research and Development Commission within the National Science Foundation, and to provide for the inventory of major nonfuel raw materials and the development of substitute materials, H.R. 495, by Mr. Chappell.

To provide a national policy for engineering, technical, and scientific personnel, to provide for cost-sharing by the private sector in training such personnel, H.R. 582, by Mr. Fuqua.

To authorize appropriations to the National Science Foundation for fiscal years 1984 and 1985, H.R. 2066, by Mr. Fuqua.

To authorize the National Science Foundation to provide assistance for a program for visiting faculty exchanges and institutional development in the fields of mathematics, science, and engineering, H.R. 2656, by Ms. Oakar.

To amend the National Science Foundation Act of 1950 provide for the initiation and support of research fundamental to the engineering process in order to strengthen engineering research and engineering education, and to make changes in the organization and nomenclature of the Foundation to reflect the new essential emphasis on engineering, H.R. 4822, by Mr. Brown of California.

To authorize appropriations to the National Science Foundation for fiscal years 1985 and 1986, H.R. 4974, by Mr. Fuqua.

To amend the National Science FOundation Act of 1950 to authorize appropriations for fiscal years 1985, 1986, and 1987 for agricultural research, H.R. 5780, by Mr. Brown of California.

National space policy, to establish the national space policy of the United States, to declare the goals of the Nation's space program (both in terms of space and terrestrial applications and in space science), and to provide for the planning and implementation of such a program, H.R. 478, by Mr. Brown of California.

National Technology Foundation, to advance the national prosperity and welfare, to establish a National Technology Foundation, H.R. 481, by Mr. Brown of California.

Nutrition, to establish a coordinated National Nutrition Monitoring and Related Research Program, and a comprehensive plan for the assessment and maintenance of the nutritional and dietary status of the United States population and the nutritional quality of the United States food supply, with provision for the conduct of scientific research and development in support of such program and plan, H.R. 4684, by Mr. MacKay.

O

Ocean pollution, to amend the National Ocean Pollution Planning Act of 1978 to authorize appropriations for such Act for fiscal years 1984 and 1985, H.R. 1546, by Mr. Scheuer.

O—Continued

Oil and Gas, to establish a Federal Oil and Gas Corporation, H.R. 20, by Mr. Kastenmeier.

P

Patent Policy, to establish a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development, H.R. 5003, by Mr. Fuqua.

Peer review, to reaffirm the commitment of the Congress to award Federal funds for scientific research projects and facilities solely on the basis of scientific merit as determined by a peer review process, H.Con.Res. 257, by Mr. Sensenbrenner.

People protection, to implement the call of the President for a national strategy seeking to protect people from nuclear war and to render nuclear weapons obsolete, H.R. 3073, by Mr. Kramer.

Professions and Technology Foundation, to advance the national prosperity, quality of life, and welfare, to establish a National Professions and Technology Foundation, H.R. 4245, by Mr. Brown of California.

Q

R

Rain (acid), to provide for an accelerated study of the causes and effects of acidic deposition during a five-year period, and to provide for grants for mitigation at sites where there are harmful effects on ecosystems resulting from high acidity, H.R. 1405, by Mr. Rahall.

Remote sensing, relating to the transfer of civil land remote sensing space satellite systems and meteorological satellite systems to the private sector, H.R. 1958, by Mr. Dyson.

Renewable energy, to amend, extend, and enhance the renewable energy and conservation programs in order to increase employment, promote renewable energy small business, enhance our national security, and displace imported energy sources, H.R. 1595, by Mr. Wirth.

Research and development, to modify the operation of Federal and State antitrust laws with respect to certain joint research and development activities, and for other purposes, H.R. 3393, by Mr. Sensenbrenner; H.R. 4043, by Mr. Fuqua.

Research and development, to allow businesses to jointly perform research and development, H.R. 1952, by Mr. Synar.

RISK ASSESSMENT

To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, H.R. 3840, by Mr. Ritter.

To provide for the establishment of a Central Board of Scientific Risk Assessment as a means of improving the scientific review and evalution of risk assessments made by Federal agencies, with particular emphasis upon risk assessments involving issues of chronic health hazards, H.R. 3976, by Mr. Martin of North Carolina.

To establish coordinated interagency research and demonstration projects for improving knowledge and use of risk assessment by those Federal agencies concerned with regulatory decisions related to the protection of human life, health, and the environment, and to provide for the establishment of a Central Board of Scientific Risk Analysis as a means of improving the scientific review and evaluation of risk analyses made by Federal agencies, with particular emphasis upon risk analyses involving issues of chronic health hazards, H.R. 4192, by Mr. Ritter.

Robotics, to advance the national prosperity and welfare, to foster the development and use of robots and automated manufacturing systems, H.R. 4047, by Mr. Fuqua.

S

Satellite systems, expressing the sense of the Congress that it is not appropriate at this time to transfer ownership or management of any civil meteorological satellite system and associated ground system equipment to the private sector, H.Con.Res. 168, by Mr. Andrews of Texas; S.Con.Res. 67.

Satellite system, to establish a system to promote the use of land remote-sensing satellite data, H.R. 4836; H.R. 5155, by Mr. Fuqua.

Satellite programs, to authorize the continuation of the land remote sensing satellite program (Landsat), and to ensure the United States role as the world leader in developing and utilizing land remote sensing space technology through the Landsat program, H.R. 4030, by Mr. Brooks.

Satellite program, declaring a United States commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are United States polar-orbiting spacecraft, H.Con.Res. 360, by Mr. Lujan.

Science education, to amend the Defense Production Act of 1950 to establish programs to improve education in science, mathematics, engineering, and foreign language to meet national security requirements, H.R. 2483, by Mr. LaFalce.

S—Continued

Science research grants, to authorize a grant to the Willard Frank Libby Foundation for energy and science related research grants, H.R. 3786, by Mr. Brown of California.

Scientific personnel, to provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide for cost-sharing by the private sector in training such personnel, H.R. 582, by Mr. Fuqua; H.R. 1310, H.R. 1699, by Mr. Perkins.

Severe storms, to establish a Severe Storms Advisory Committee to review, on an annual basis, the severe storms research and operations activities of the Federal Government, H.R. 3207, by Mr. Hammerschmidt.

Severe weather, expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program, H.Con.Res. 365, by Mr. Fuqua.

Solar system exploration, endorsing the recommendations of the Solar System Exploration Committee for the Continued exploration of the solar system by the United States, H.Con.Res. 217, by Mr. Fowler.

SPACE

To provide for a research, development, and evaluation program to determine the feasibility of collecting in space solar energy to be transmitted to Earth and to generate electricity for domestic purposes, H.R. 322, by Mr. Roe.

To establish a program to promote the utilization of spinoffs from space technology in meeting the needs and alleviating the suffering of the elderly, H.R. 323, by Mr. Roe.

To establish the national space policy of the United States, to declare the goals of the Nation's space program (both in terms of space and terrestrial applications and in space science) and to provide for the planning and implementation of such a program, H.R. 478, by Mr. Brown of California.

To provide encouragement and necessary regulation for the commercial development of space, H.R. 1011, by Mr. Akaka.

Relating to the transfer of civil land remote sensing space satellite systems and meteorological satellite systems to the private sector, H.R. 1958, by Mr. Dyson; H.R. 2507, by Mr. Skelton.

Endorsing the recommendations of the Astronomy Survey Committee for astronomical and astrophysical exploration and understanding during the 1980's, H.Con.Res. 218, by Mr. Fowler.

To authorize appropriations to the National Aeronautics and Space Administration for research and development, space flight, control and data communications, construction of facilities, and research and program management, H.R. 4797; H.R. 5154, by Mr. Fuqua.

To establish a system to promote the use of land remote-sensing satellite data, H.R. 4836; H.R. 5155, by Mr. Fuqua.

Declaring a United States commitment to sign the SARSAT/COSPAS international agreement with an international search and rescue constellation consisting of four satellites, two of which are United States polar-orbiting spacecraft, H.Con.Res. 360, by Mr. Lujan.

Steel Industry, to promote the resolution of problems affecting the domestic steel industry by establishing an advisory council to advise the President on modernization in the steel industry, propose technological solutions to problems in such industry, and perform other functions, H.R. 6140, by Mr. Walgren.

STORM program, expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program, H.Con.Res. 365, by Mr. Fuqua.

Synthetic fuels, to amend the United States Synthetic Fuels Corporation Act to support synthetic fuel research and development, H.R. 4060, by Mr. Wise.

Synthetic fuels, to prohibit the United States Fuels Corporation from making new awards of financial assistance before the comprehensive strategy (as set forth in the Energy Security Act) is approved, H.R. 4098, by Mr. Wolpe.

Synthetic fuels, imposing certain limitations on the United States Synthetic Fuels Corporation, H.R. 5893, by Mr. Wolpe.

T

Technical information, to enhance the transfer of technical information to industry, business, and the general public by amending the Act of September 9, 1950 (15 U.S.C. 1151 et seq.), to establish a Technical Information Clearinghouse Fund, H.R. 2514, by Mr. Walgren.

Technical personnel, to provide assistance to improve elementary, secondary, and postsecondary education in mathematics and science; to provide a national policy for engineering, technical, and scientific personnel; to provide for cost-sharing by the private sector in training such personnel, H.R. 582, by Mr. Fuqua; H.R. 1310, H.R. 1699, by Mr. Perkins.

Technological innovation, to establish a National Commission on Technological Innovation and Industrial Modernization, H.R. 2525, by Mr. Pashayan.

Technology development, to provide for a study on economically strategic technologies and to identify and provide for the development of such technologies, H.R. 1243, by Mr. Brown of California.

T—Continued

Technology education, to establish a national technology education grants program to provide matching Federal assistance to joint initiatives by private industry, educational institutions, and State government to strengthen science, engineering, and technical education, H.R. 3334, by Mr. Bonker.

Technology foundation, to advance the national prosperity and welfare, to establish a National Technology Foundation, H.R. 481, by Mr. Brown of California.

Trade Reorganization Act, to establish as an executive department of the United States Government a Department of Commerce and Trade, H.R. 4432, by Mr. Bonker.

Transitional industries trade boards, to authorize the establishment of transitional industries trade boards to increase the international competitiveness of United States industries, and for other purposes, H.R. 3681, by Mr. McKinney.

U

V

Value engineering, entitled, the "Value Engineering Act of 1984", H.R. 6407, by Mr. Winn.

Ventures, to allow businesses to jointly perform research and development, H.R. 1952, by Mr. Synar.

Ventures, to modify the operation of Federal and State antitrust laws for the conducting of certain research and development activities jointly, H.R. 3393, by Mr. Sensenbrenner; H.R. 4043, by Mr. Fuqua.

W

Waste-to-Energy, to provide for an accelerated program for the recovery of energy from municipal wastes, H.R. 383, by Mr. Roe.

Weather service, to require the National Weather Service to report routinely on the levels of acid content found in precipitation and dry deposition throughout the United States, H.R. 4655, by Mr. D'Amours.

Weather stations, to establish objective criteria and procedures for closing and consolidating weather stations, H.R. 2245, by Mrs. Smith of Nebraska.

Weather, expressing the sense of the Congress that the Federal Government take immediate steps to organize and obtain funding for a national STORM program, H.Con.Res. 365, by Mr. Fuqua.

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April 1984	Computer and Communications Security and Privacy	AA.
May 1984	Highway Transportation Infrastructure Research and Technology	BB.
Aug. 15, 1984	Computer Literacy Act of 1983 (Report to accompany H.R. 3750)	H.Rept. 98–752, Part 2
Aug. 15, 1984	Uniform Science and Technology Research and Development Utilization Act (Report to accompany H.R. 5003).	H.Rept. 98–983, Part 1
October 1984	Carbon Dioxide, the Greenhouse Effect, and Climate: A Primer	CC.
October 1984	Summary and Analysis of Hearing on Improving the Research Infrastructure at Universities and Colleges.	DD.
Sep. 21, 1984	To Promote Research and Development, Encourage Innovation, Stimulate Trade, and Make Necessary and Appropriate Amendments to the Antitrust, Patent, and Copyright Laws (Conference Report to accompany S.1841, which incorporates provisions of H.R. 4043)..	H.Rept. 98–1044
Sep. 25, 1984	To Establish a Coordinated National Nutrition Monitoring and Related Research Program (Legislative Report to accompany H.R. 4684)..	H.Rept. 98–1076, Part 1
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Sep. 28, 1984	Authorizing Appropriations for the National Oceanic and Atmospheric Administration (Conference Report to accompany S.1097/H.R. 2900).	H.Rept. 98–1093
September 1984	Review of the National Aeronautics and Space Act of 1958, as Amended	EE.
October 1984	European Oversight Trip	FF.
October 1984	Review of Space Shuttle Requirements, Operations, and Future Plans	GG.
Oct. 9, 1984	Information Technology for Emergency Management	HH.
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*Not Available.

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DATE	TITLE	PUBLICATION NO.
October 1984	Japanese Technological Advances and Possible U.S. Responses Using Research Joint Ventures.	KK.
November 1984	The Availability of Japanese Scientific and Technical Information in the United States.	LL.
December 1984	An Agenda for a Study of Government Science Policy	MM.
December 1984	Reports Submitted by NASA in Response to Committee Requests	NN.**
Jan. 2, 1985	Summary of Activities of the Committee on Science and Technology for the 98th Congress.	H.Rept. 98–1189

**Should be printed and available for distribution by the end of the 1st quarter of the 99th Congress.

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